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Ripon College Bulletin No. 1

CATALOGUE

RIPON COLLEGE

1900-1901

Published Quarterly by Ripon College

May 1901

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JOHN CRERAR
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Withdrawn

CATALOGUE.

RIPON COLLEGE.

RIPON, WISCONSIN.

1900-1901.

RIPON, WIS.

C. H. ELLSWORTH, PRINTER.

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JANUARY.

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FEBRUARY.

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CALENDAR.

1901.

March 27.	Wednesday.	Registration for Spring Term.
June 14.	Friday.	Senior Preparatory Exhibition.
June 15.	Saturday.	Recital of Conservatory of Music.
June 16.	Sunday.	Baccalaureate Sermon.
June 16.	Sunday.	Address before the Christian Societies.
June 17.	Monday.	Anniversary of the Athenian and Ecolian Societies.
June 17.	Monday.	Art Exhibit.
June 17.	Monday.	Annual Meeting of the Board of Trustees.
June 17.	Monday.	Shakespearean Play, The Merchant of Venice. Presented by the Seniors.
June 18.	Tuesday.	Junior Declamation Contest.
June 18.	Tuesday.	Class Day Exercises.
June 18.	Tuesday.	Alumni Reception.
June 19.	Wednesday.	Business Meeting of the Society of Alumni.
June 19.	Wednesday.	Thirty-fifth Annual Commencement.
June 19.	Wednesday.	Commencement Concert.
September 24.	Wednesday.	Registration for Fall Term.
November 28.	Thursday.	Thanksgiving Recess. Thursday to Saturday.
December 24.	Tuesday.	Fall Term ends.

1902.

January 8.	Wednesday.	Registration for Winter Term.
January 30.	Thursday.	Day of Prayer for Colleges.
March 25.	Tuesday.	Winter Term ends.
April 2.	Wednesday.	Registration for Spring Term.
April 12.	Saturday.	Last day for presentation of James Prize Essays.
June 20.	Friday.	Senior Preparatory Exhibition.
June 21.	Saturday.	Recital of Conservatory of Music.
June 22.	Sunday.	Baccalaureate Sermon.
June 25.	Wednesday.	Thirty-sixth Annual Commencement.

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Term expires in 1901.

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GEORGE L. FIELD, Esq., Ripon.
SUMNER T. McKNIGHT, Esq., Minneapolis, Minn.
REV. ROBERT T. ROBERTS, D. D., Wilkesbarre, Pa.

Term expires in 1902.

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HON. F. J. LAMB, Madison.

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Edward D. Holton Professor of Philosophy.
- CHARLES HENRY CHANDLER, A. M.,
Cornelius B. Erwin Professor of Mathematics and Astronomy.
- CHARLES DWIGHT MARSH, A. M.,
Dean and Professor of Biology.
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- GEORGE FREDERICK LANE,
Professor of Music.
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- MARY CORINTHIA HARWOOD, M. L.,
Preceptress, and Instructor in French and German.
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Instructor in Latin and Greek.
-
- ELLA ELIZABETH MEYER,
Instructor in German.
- EMMA GUYER LANE,
Instructor in Vocal Music, Harmony and Musical History.
- HENRY WALDGRAVE STUART, PH. D.,
Instructor in History.
- EDITH CLARA EDWARDS,
Instructor in Painting and Drawing.
- HARRIET COLBURN SAUNDERSON,
Instructor in Physical Culture.
- MENTOR VALERIUS KARL JOPP, A. B.,
Instructor in German.

* Resigned, January, 1901. Duties performed by the Dean.

JENNIE HALL,	Student Assistant in Biology.
GEORGE WILSON BEATTIE,	Student Assistant in Civics.
MARGARET ABIAH OLDER,	Student Assistant in History.
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PROF. C. H. CHANDLER,	Registrar and Secretary.
PROF. W. S. LEAVENWORTH,	Librarian.
PROF. F. M. ERICKSON,	Director of Gymnasium.
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STANDING COMMITTEES OF THE FACULTY.

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- On Classification,*
PROFESSORS CHANDLER, ERICKSON, LEAVENWORTH.
- On Discipline,*
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- On Publications,*
PROFESSORS ERICKSON, MERRELL, CHANDLER.
- On Alumni Relations,*
THE PRESIDENT, MRS. TRACY, PROFESSOR CHANDLER.
- On Social Life,*
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- On Public Exhibitions,*
PROFESSORS SAUNDERSON, LANE, CLARK.
- On Commencement,*
PROFESSORS MERRELL, SAUNDERSON, MISS HARWOOD.
-

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THE PRESIDENT, THE TREASURER, PROFESSOR LEAVENWORTH.
- On Dodge Fund,*
THE PRESIDENT, THE TREASURER, THE PRECEPTRESS.

HISTORICAL STATEMENT.

The original act of incorporation of Ripon, (then Brockway), College was approved January 29, 1851, and work was begun on the first building in the spring of the same year.

The school was first opened for instruction on June 1, 1853, under the charge of Rev. J. W. Walcott, who assumed control at the request of the Winnebago District Convention of Presbyterian and Congregational churches.

On February 21, 1857, Mr. Walcott deeded the college property to a Board of Trustees, in part nominated by the Winnebago Convention. The property conveyed by this deed included the campus of nine acres, since enlarged by the purchase of about two additional acres, and the old East building. A new dormitory, the present Middle College, was ready for use in the autumn of 1858, but was not fully completed till the summer of 1863.

On September 10, 1861, the buildings and grounds of the college were let to the Government to be occupied by the First Regiment of Wisconsin Cavalry. Mrs. Tracy, however, occupied rooms in the dormitory building and taught a school on her own account. The school was reopened in September, 1862, Mr. E. H. Merrell, Principal.

The history of Ripon College, as such, begins in 1863, and covers the administration of three presidents: Rev. William Edward Merri- man, D. D., 1863-1876; Rev. Edward Huntington Merrell, D. D., LL. D., 1876-1891; Rev. Rufus Cushman Flaggs, D. D., 1892-1901.

The appointment, on April 23, 1863, of Rev. William E. Merriman to the Presidency of the college marked an epoch in its history. East and Middle colleges were both completed and furnished within the year, and were well filled with students; "both mortgages on the college property were paid up and satisfied;" the name of the college was changed from "Brockway" to "Ripon," and in this year, 1863-4, the first college work was done. During the summer of 1867 the West College was built to accommodate the increasing number of students.

In 1868, the College received the endorsement of the general convention of the Congregational churches of the State, and the Collegiate Society accepted Ripon College as one of its beneficiaries and aided in securing, at the East, \$50,000 for endowment. This action brought the Institution recognition in the fraternity of colleges and from this time its financial condition began to improve rapidly.

The endowment fund has been augmented from time to time by substantial gifts, notably, a part in the famous Erwin estate; a gift from Mrs. Valeria G. Stone, of Malden, Mass.; a legacy left the college by the will of Mrs. Helen C. Knowles, of Worcester, Mass., who died in 1884; and the gift of valuable property in Milwaukee, given by the Hon. Edward D. Holton of that city.

At the same time important additions were being made to the buildings and equipment. The Chemical Laboratory and Transit House annexed were erected in 1876. In rapid succession came the reconstruction of East College, the erection of Bartlett Cottage, the acquisition of Dawes Cottage and Ingalls Park, the college athletic field, and lastly the Ingram Hall of Science, erected in 1900.

It is the aim of this Institution to provide for the liberal education of young men and women, and in doing this, to keep its standard fully up to that of the best colleges, and its methods of instruction in harmony with the most enlightened views of education. It also proposes to make the expense of pursuing a course of liberal study as low as is consistent with a high degree of excellence in its results, and thus to keep a liberal education within the reach of young men and women of limited means. It is likewise the earnest purpose of the officers of this Institution to conduct it on distinctly Christian principles, and to have it pervaded with a strong and healthy moral and religious influence. While aiming at the best results of intellectual training, its instructors bear in mind that character is more than these, that the development of character is an essential part of the work of an educational institution, and that there is no sound basis of character except in Christian principle.

ADMISSION.

All applicants for admission to the Freshman class must furnish satisfactory evidence, either by examination or by a certificate from an approved High School or Academy, of having completed the requisite amount of preparatory study.

A full description of such courses will be found in the Preparatory Conspectus and the succeeding description of courses. The amount of work required and the most advantageous division of it among the several departments is shown in the following summary :

CLASSICAL.	LITERARY.	SCIENTIFIC.
English, . . . 26	English, . . . 26	English, . . . 26
Mathematics, . 30	Mathematics, . 30	Mathematics, . 30
Science, . . . 25	Science, . . . 25	Science, . . . 25
History and Civics, 20	History and Civics, 30	History and Civics, 30
Latin, 45	Latin, 45	Latin, 40
Greek, 30	French, 15	French, 15
French or German, 10	German, 15	German, 15
		Drawing, 5
<hr/> 186	<hr/> 186	<hr/> 186

A daily exercise of one hour during a term of twelve weeks in the Preparatory School of the College, or an equivalent amount of work done elsewhere, is here reckoned as five units of admission credit.

Students, who are able to meet the standard requirement of 186 admission units, but are not exactly prepared for the course which they desire to enter, may profit by the following provision :

Any excess above the requirements in one department will be accepted as compensating for an equal deficiency in another department, but defects of such a character as to prevent successful work in required college studies are to be remedied by taking the necessary studies early in the college course. Credit will be given for such work in the place of college electives, taking into account the difference in value between a preparatory study (five credits) and a college study (ten credits).

Any college work satisfactorily evidenced, and presented for admission, will be credited in admission units at the increased value of college units. But preparatory work in excess will not be credited in college units unless it is the same in character, and amount as that for which it is credited.

Students proposing to follow the Scientific Course are earnestly recommended to prepare as shown above, but they will be allowed to substitute other satisfactory work for a portion of the Latin, presenting only thirty units in that language, without being required to supply the deficiency by later work. If there is a sufficient number of students who do not offer Latin for admission but wish to enter the Literary Course, or of those who do not offer Greek but wish to enter the Classical Course, special classes will be formed in which the preparatory work will be completed in less time than is required for students of less maturity.

After adjustments have been made as stated, conditions to be taken by extra work are not allowed in excess of twenty admission units.

A list of accredited schools will be found on the last pages of this catalogue.

INSTRUCTION.

The College provides three parallel courses of instruction leading to the Bachelor's degree, each of which is systematically arranged and presents a central line of study.

Course I, Classical, gives the central place to the ancient languages, while giving opportunity for personal preferences in a liberal choice of electives.

Course II, Literary, includes the Latin of Course I, but substitutes the modern languages for Greek.

Course III, Scientific, requires only so much of languages other than English as is needed for successful work in the natural and physical sciences, which with mathematics characterize this course.

COURSES.

I. CLASSICAL.	II. LITERARY.	III. SCIENTIFIC.
Latin, 30	Latin, 30	English, 42
Greek, 30	French, 30	Mathematics, . . 30
Mathematics, . . 20	German, 30	Natural Science, 30
English, 42	Mathematics, . . 20	Physical Science, 50
History and } . 20	English, 42	History and } . 20
Economics, { . 20	History and } . 20	Economics, { . 20
Natural Science, 10	Economics, { . 20	Philosophy, . . . 20
Physical Science, 30	Natural Science, 10	Bible and Ethics, 20
Philosophy, . . . 20	Physical Science, 20	Electives, 160
Bible and Ethics, 20	Philosophy, . . . 20	
Electives, 150	Bible and Ethics, 20	
	Electives, 130	
<hr/> 372	<hr/> 372	<hr/> 372

A daily exercise of one hour in recitation or of two hours in laboratory work during one term gives ten college units of credit. 372 college units, in addition to 186 admission units as defined in the requirements for admission, are required for graduation.

Except when irregularities in preparation make some deviation advisable, students will conform their work to the following conspectus, taking the required studies as assigned, and previous to elective courses which may require greater maturity. Careful attention to the hours assigned to each exercise is necessary, when planning a line of work, in order that the choice of desired electives may not be made impracticable by conflicting hours.

CONSPECTUS OF COURSES.

I. CLASSICAL COURSE.

FRESHMAN YEAR.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Latin I.	10	Latin II.	10	Latin III.	9
Greek I.	2	Greek II.	2	Greek III.	3
Mathematics I.	8	Mathematics II.	8	Mathematics III.	8
				or Biology IV.	†10

SOPHOMORE YEAR.

Bible I.	8	Political Science I.	3	English I.	3
Chemistry I.	†2	Physics I.	9	Physics II.	8
				Biology IV.†	†10

JUNIOR YEAR.

English II.	8	Philosophy I.	9	Philosophy II.	9
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SENIOR YEAR.

Philosophy V.	9
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Each of the required courses presented above gives ten college units of credit. A weekly exercise in English (Course X) giving two units per term is also required except during the spring term of Senior year.

Sufficient electives are to be taken from the list offered upon the opposite page to make with the required courses 32 units in each term except the spring term of the Senior year for which only 20 units are required.

At least 30 units are to be taken from the electives in the ancient languages, and 10 from the group of History or of Economics.

The Roman numerals following any course give its number in the succeeding description, and the Arabic numerals the hour of the class exercise.

† Requires two hours daily.

‡ If not taken in Freshman year

CONSPECTUS OF COURSES.

I. CLASSICAL COURSE.

ELECTIVES.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Latin IV.	11	Latin VI.	2	Latin VIII.	2
Latin V.	11	Latin VII.	2	Latin IX.	2
Latin X.*	3	Greek V.	10	Greek VI.	10
Latin XI.*	3	Greek VIII.	10	Greek IX.	10
Greek IV.	10	French II.	2	Greek XII.*	11
Greek VII.	10	German II.	10	French III.	2
Greek XI.*	3	English III.	8	German III.	10
French I.	2	English IV.	8	English IX.*	2
German I.	9	English V.	11	Mathematics III.	8
English VII.*	3	English VI.	11	Mathematics VI.	10
English VIII.*	3	Mathematics V.	11	Mathematics XII*	2
Mathematics VI.	† 2	Mathematics X.*	2	Mathematics XIII.*	2
Mathematics VII.*	11	Mathematics XI.*	2	Biology III.	† 9
Mathematics VIII.*	11	Biology II.	†10	Chemistry III.	† 2
Mathematics IX.*	11	Biology VII.	†11	Chemistry VI.*	† 2
Biology V.	†10	Chemistry II.	† 2	Physics II.	8
Biology VI.	†11	Mineralogy.*	† 2	Geology.	8
Chemistry IV.	† 2	Astronomy.	10	Philosophy III.	8
Chemistry V.*	† 2	Philosophy IV.	8	Philosophy VIII.	3
Physics III.	†10	Economics II.	2	History II.	2
Philosophy VI.*	10	History I.	3	Music IV.*	
Philosophy VII.*	10	Bible II.	11	Music V.*	
Political Science II.	3	Music III.*			
Economics I.	2	Music IV.*			
Music I.*					
Music II.*					

Any elective may be withdrawn for any term in which it has not been elected by a sufficient number of students to make the formation of a class desirable.

*Gives only five units of credit.

†Requires two hours daily.

CONSPECTUS OF COURSES.

II. LITERARY COURSE.

FRESHMAN YEAR.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Latin I.	10	Latin II.	10	Latin III.	9
French I.	2	French II.	2	French III.	2
Mathematics I.	8	Mathematics II.	8	Mathematics III. or Biology IV.	8 †10

SOPHOMORE YEAR.

German I.	9	German II.	10	German III.	10
Chemistry I.	† 2	Physics I.	9	English I.	3
Bible I.	8			Biology IV.†	†10

JUNIOR YEAR.

English II.	8	Philosophy I.	9	Philosophy II.	9
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SENIOR YEAR.

Philosophy V.	9
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Each of the required courses presented above gives ten college units of credit. A weekly exercise in English (Course X) giving two units per term is also required except during the spring term of Senior year.

Sufficient electives are to be taken from the list offered upon the opposite page to make with the required courses 32 units in each term except the spring term of the Senior year for which only 20 units are required.

At least 20 units are to be taken from the groups of History and Economics.

The Roman numerals following any course give its number in the succeeding description, and the Arabic numerals the hour of the class exercise.

† Requires two hours daily.

† If not taken in the Freshman year.

CONSPECTUS OF COURSES.

II. LITERARY COURSE.

ELECTIVES.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Latin IV.	11	Latin VI.	2	Latin VIII.	2
Latin V.	11	Latin VII.	2	Latin IX.	2
Latin X.*	3	Greek X δ .	8	Greek X ϵ .	8
Latin XI.*	3	English III.	8	English IX.*	2
Greek X α .	8	English IV.	8	Mathematics III.	8
English VII.*	3	English V.	11	Mathematics VI.	10
English VIII.*	3	English VI.	11	Mathematics XII*	2
Mathematics VI.	† 2	Mathematics V.	11	Mathematics XIII.*	2
Mathematics VII.*	11	Mathematics X.*	2	Biology III.	† 9
Mathematics VIII.*	11	Mathematics XI.*	2	Chemistry III.	† 2
Mathematics IX.*	11	Biology II.	†10	Chemistry VI.*	† 2
Biology V.	†10	Biology VII.	†11	Physics II.	8
Biology VI.	†11	Chemistry II.	† 2	Geology.	8
Chemistry IV.	† 2	Mineralogy.*	† 2	Philosophy III.	8
Chemistry V.*	† 2	Astronomy.	10	Philosophy VIII.	3
Physics III.	†10	Philosophy IV.	8	History II.	2
Philosophy VI.*	10	Political Science I.	3	Music V.*	
Philosophy VII.*	10	Economics II.	2	Music VI.*	
Political Science II.	3	History I.	3		
Economics I.	2	Bible II.	11		
Music I.*		Music III.*			
Music II.*		Music IV.*			

Any elective may be withdrawn for any term in which it has not been elected by a sufficient number of students to make the formation of a class desirable.

* Gives only five units of credit.

† Requires two hours daily.

CONSPECTUS OF COURSES.

III. SCIENTIFIC COURSE.

FRESHMAN YEAR.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Biology I.	†10	Biology II.	†10	Biology III.	† 9
Chemistry I.	† 2	Chemistry II.	† 2	Chemistry III.	† 2
Mathematics I.	8	Mathematics I.	8	Mathematics III.	8

SOPHOMORE YEAR.

Biology V.	†10	Physics I.	9	Physics II.	9
Bible I.	8	Political Science I.	3	English I.	3

JUNIOR YEAR.

English II.	8	Philosophy I.	9	Philosophy II.	9
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SENIOR YEAR.

Philosophy V.	9
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Each of the required courses presented above gives ten college units of credit. A weekly exercise in English (Course X) giving two units per term is also required except during the spring term of Senior year.

Sufficient electives are to be taken from the list offered upon the opposite page to make with the required courses 32 units in each term except the spring term of the Senior year for which only 20 units are required.

Enough courses in Science and Mathematics are to be elected to make with the required courses in these groups not less than 150 units. At least 10 units are to be taken from the group of History or of Economics.

The Roman numerals following any course give its number in the succeeding description, and the Arabic numerals the hour of the class exercise.

† Requires two hours daily.

CONSPECTUS OF COURSES.

III. SCIENTIFIC COURSE.

ELECTIVES.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Latin I.	10	Latin II.	10	Latin III.	9
Latin IV.	11	Latin VI.	2	Latin VIII.	2
Latin V.	11	Latin VII.	2	Latin IX.	2
Latin X.*	3	French II.	2	French III.	2
Latin XI.*	3	German II.	10	German III.	10
French I.	2	English III.	8	English IX.*	2
German I.	9	English IV.	8	Mathematics VI.	10
English VII.*	3	English V.	11	Mathematics XII*	2
English VIII.*	3	English VI.	11	Mathematics XIII.*	2
Mathematics VI.	† 2	Mathematics V.	11	Geology.	8
Mathematics VII.*	11	Mathematics X.*	2	Chemistry VI.*	† 2
Mathematics VIII.*	11	Mathematics XI.*	2	Philosophy III.	8
Mathematics IX.*	11	Biology VII.	†11	Philosophy VIII.	3
Biology VI.	†11	Biology VIII.	† 8	History II.	2
Chemistry IV.	† 2	Biology IX.	†11	Music V.*	
Chemistry V.*	† 2	Mineralogy.*	† 2	Music VI.*	
Physics III.	†10	Astronomy.	10		
Philosophy VI.*	10	Philosophy IV.	8		
Philosophy VII.*	10	Economics II.	2		
Political Science II.	3	History I.	3		
Economics I.	2	Bible II.	11		
Music I.*		Music III.*			
Music II.*		Music IV.*			

Any elective may be withdrawn for any term in which it has not been elected by a sufficient number of students to make the formation of a class desirable.

* Gives only five units of credit.

† Requires two hours daily.

COURSES OF INSTRUCTION.

PHILOSOPHY.

I. **PSYCHOLOGY *a*.** Five hours in the winter term. Required of all Juniors.

II. **PSYCHOLOGY *b*.** Five hours in the spring term, and also required of all Juniors.

The courses in Psychology embrace such a systematic study of mental phenomena as to prepare the student for an intelligent pursuit of Philosophy proper, and a clear apprehension of the principles of Ethics, Logic, and Aesthetics. Particular attention is given to the investigation of the facts of the sensibility, and to the phenomena and laws of the will. The first course is based on Porter's Elements of Intellectual Science, with James's Psychology, and Dewey's Psychology for books of reference. The second course is given wholly by lectures.

III. **HISTORY OF PHILOSOPHY.** In this course the leading systems of philosophical thought are studied in outline, beginning with the Greek philosophies, and their historical connections and dependencies are carefully indicated. Critical work is required with the aim of discovering the nature and limits of human knowledge. Weber's History of Philosophy is used as a text-book. Five hours in the spring term. Elective.

IV. **THEISM, AND THE LOGIC OF CHRISTIAN EVIDENCES.** In this course the grounds of theistic belief are studied, and particular attention is given to the principal antitheistic theories. Attention is directed to the logic of Christian evidences, with the purpose of exhibiting the fact that the acceptance of the facts of the Christian system are proved by the same laws that govern the mind in reaching the conclusions in all of the inductive sciences. Fisher's The Grounds of Theistic and Christian Belief, Wright's The Logic of Christian Evidences, and Wright's Scientific Aspects of Christian Evidence, are used as text-books and books of reference. Five hours during the winter term. Elective.

V. ETHICS. This course is studied under two divisions. In the first the philosophical grounds are discussed, and the various systems are compared and criticised. In the second division the principles established in the first are applied to the specific problems of government, rights, and duties. Fairchild's Moral Science is used as a text-book. Fall term. Five hours.

VI. LOGIC. In this course not only are the forms of reasoning expounded, but the laws are so explained as to teach the pupil the principles and methods of sound thinking. The close relation of this branch to Rhetoric is kept constantly in mind, and the student is guided to an effective command of his powers as a writer and speaker. Minto's Logic Inductive and Deductive is used as a text-book. Three hours during the fall term. Elective.

VII. AESTHETICS. The course in Aesthetics considers art as an expression of feeling, the formal conditions of art expression, art as the expression of beauty, and a particular study of the arts of form. Brown's The Fine Arts is used as the leading text-book. Two hours during the fall term. Elective.

VIII. PEDAGOGY. In the courses in Psychology frequent reference is made in a practical way to pedagogical principles as the different phenomena under consideration suggest them; but in the special course the topics are selected and arranged with special reference to the equipment of teachers for their work in the school room. The teacher, the school, discipline, examining, the school building and the care of it, the method of teaching the various studies, the correlation of studies, and similar subjects of everyday importance to the teacher in his work are studied in detail. The instruction is based upon Fitch's lectures on teaching, The Report of the Committee of Fifteen on The Correlation of Elementary Branches, Safford's Mathematical Teaching, Quick's Educational Reformers, and Redway's Manual of Teaching Geography. Five hours during the spring term.

BIBLE.

I. NEW TESTAMENT *a*. A study of the teachings of the New Testament on the great themes of revelation. Steven's The Theology of the New Testament is used as a text-book. Five hours in the fall term.

II. NEW TESTAMENT *b*. In this course instruction is given concerning the origin and history of the New Testament writings. The books are studied chiefly as distinct wholes, and then attention is given to the process by which they are gathered into one collection. The history of the times is also brought under review. Five hours. Winter term. Elective.

POLITICAL SCIENCE AND ECONOMICS.

I. CONSTITUTIONAL LAW. The class is made familiar with the principles of government by a comparative study in detail of the typical forms now existing. Burgess' Political Science and Constitutional Law is used as a text-book. Five hours in the winter term.

II. ELEMENTARY LAW. The elementary principles and doctrines of law are studied in their logical and practical connections with each other, affording the student a knowledge of the scope of the science, and preparing him for a mastery of the details in subsequent investigations. Robinson's Elementary Law is used as text-book. Five hours in the fall term. Elective.

III. ECONOMICS *a*. The aim of this course is to put the student in possession of the elementary and most firmly established principles of the science of Political Economy, and to prepare him for independent investigations in regard to all industrial questions. Walker's Political Economy is used as a text-book, with Mill, Jevons, and other authors for reference. Five hours in the fall term. Elective.

IV. ECONOMICS *b*. Intended to give the student a wider knowledge of economic laws than was possible in course "a." Five hours in the winter term. Elective.

HISTORY.

I. ENGLISH HISTORY. The text-book in this course is Green's Shorter History of the English People. The work is supplemented by lectures. Five hours in the winter term. Elective.

II. UNITED STATES HISTORY. Lectures and topical reports on required reading. McLaughlin's Epochs of American History serves as a basis for the work. [Given in fall term 1900.] Spring term. Elective.

MATHEMATICS.

I. ALGEBRA. Functions and limits, derivatives, series, logarithms, permutations and combinations, probabilities, theory of equations. (Taylor's College Algebra, Second Part.) Required of Freshmen in all courses. Fall term.

II. TRIGONOMETRY. An elementary course with applications. Plane and Spherical. (Wells.) Required of Freshmen in all courses. Winter term.

III. ANALYTIC GEOMETRY. Plane, with some attention to Higher Plane Curves. (Hardy.) Required of Freshmen in the Scientific Course. Spring term.

IV. CALCULUS. An elementary course in Differential and Integral Calculus, with geometrical and physical applications. (Taylor.) Winter term.

V. **CALCULUS.** A continuation of the preceding course with special attention to curve tracing and processes of reduction. Spring term.

VI. **SURVEYING.** Field practice with compass, level and transit, followed by plotting and calculation of field work. (Hodgman.) Fall term.

Each of the following courses will ordinarily be offered only in alternate years :

VII. **DESCRIPTIVE GEOMETRY.** A brief course. Problems relating to points, lines, planes, solids and surfaces of revolution. (Faunce.) Fall term.

VIII. **DETERMINANTS.** (Weld.) Fall term.

IX. **PROJECTIVE GEOMETRY.** (Reye, Holgate's translation.) Fall term.

X. **ANALYTIC MECHANICS.** A recitation course with numerous examples. (Bowser.) Winter term.

XI. **DIFFERENTIAL EQUATIONS.** (Page's Ordinary Differential Equations.) Winter term.

XII. **QUATERNIONS.** Vector analysis, straight line and plane, conics. (Kelland & Tait.) Spring term.

XIII. **THEORY OF FUNCTIONS.** (Durege, Fischer & Schwatt's translation.) Spring term.

ASTRONOMY.

DESCRIPTIVE ASTRONOMY. An elementary course presenting the fundamental facts and methods of astronomy. Requires no mathematics beyond elementary trigonometry. (Young's General Astronomy.) Winter term.

BIOLOGY.

I. **INVERTEBRATE ZOOLOGY.** In this course typical forms of invertebrates are dissected, notes taken, and sketches made of the results of the work. Such forms are used as the star-fish, earth-worm, cray-fish, mussel, etc. An attempt is made in this term to familiarize students with the laboratory methods, and thus furnish a foundation for the further work in the department of biology. A course of lectures is given on the classification of animals. Two hours daily in the fall term of Freshman year.

II. **VERTEBRATE ANATOMY.** The work of this course is based upon a detailed dissection of the cat. Other material is brought in to illustrate the anatomy of the special organs, but nearly the whole time is occupied with the work upon the cat. This is intended to be a thorough introduction to the comparative anatomy of vertebrates. A course of lectures is given on comparative anatomy. Two hours daily in the winter term. This is open only to students who have taken course I or course IV.

III. BOTANY. Work of this course is based upon the manual issued by Arthur, Barnes and Coulter. The time is largely occupied in a careful study of cryptogamous plants. In addition to the technical knowledge of botany which is obtained by this term's work, it is intended also to serve as an introduction to microscopical technique. A course of lectures is given upon the physiology of plants. Two hours daily in the spring term. This is open to students who have taken courses I and II.

IV. BIOLOGY. This course is required of all students in the classical and literary courses, and is especially adapted to students who have no taste for the study of biology, and yet wish to attain a general knowledge of the science. Typical animals and plants are examined in the laboratory in a somewhat rapid manner. The course is superficial as compared with the work done in the regular science course. Two hours daily in the spring term.

V. HISTOLOGY. The work in this course is based on Schafer's "Essentials of Histology," and it is intended in the course of the work that the student should gain a good general knowledge of animal histology. Special attention is paid to the acquisition of technical skill in preparing tissues, and in making microscopical preparations. Free use is made of a large collection of slides in the laboratory, but the students are required, so far as time will permit, to prepare for themselves the slides which they study. Two hours daily in the fall term. This course is open only to students who have had courses I, II, and III.

VI. EMBRYOLOGY. This is a careful study of the early stages of the embryology of the chick; other animals are used to some extent for comparison. Students make most of their own preparations and work out the subject with the constant use of such books as Minot's "Human Embryology," and Hertwig's "Embryology of Vertebrates." Two hours daily in the fall term. Open to students who have had courses I, II, III, and V.

VII. BACTERIOLOGY. In this course the student is carefully instructed in the ordinary methods of bacteriological research, including the preparation of culture media, isolation of bacteria, and the preparation of pure cultures; this work occupies about one-half of the time of the course. In the latter half some special problem is assigned for work, upon which the student is expected to make a careful report. During the last three or four years, these subjects have been connected with the bacteriological analysis of water. This course is especially adapted to students who expect to take up the study of medicine, and it is recommended that no student should elect it who does not have a large amount of time to spend upon it. Daily during the winter term. It is open to those students who have taken courses I, II, III, and V.

VIII. **PHYSIOLOGY.** This course is intended for students expecting to take up the study of medicine, and the work in physiology is especially adapted to count upon a medical course. This will be offered in the winter terms of alternate years. It will be offered in the winter terms of 1902 and 1904.

IX. **OSTEOLOGY.** This also is a course intended especially for students who wish to take up the study of medicine, and will be taken up in such way as to be accredited against similar work in the medical schools. This will be offered in the winter terms of alternate years, being offered first in the winter of 1903.

Attention should be called to the fact that the full course in biology, as outlined above, corresponds very closely to the ideal course recommended by the faculty of Rush Medical school, for students intending to take up the study of medicine. It should be noticed also that these studies may be accredited as against the studies of medical schools, thus enabling students who intend to take up the study of medicine, to get a credit of between one and two years upon the medical course.

GEOLOGY.

A single term's work is offered in geology in the spring term. The work is largely based upon a text-book with daily recitations. The text-book in use at present is Scott's Introduction to Geology.

CHEMISTRY.

I. **GENERAL CHEMISTRY.** Lectures, recitations and laboratory practice. This course includes a study of the elements of theoretical chemistry and of the non-metallic elements and their compounds. The laboratory work comprises a series of experiments illustrating the principles of stoichiometry, the laws of chemical action and the preparation of such elements and typical compounds as will serve best to show the relation between facts and general principles. Remsen's Inorganic Chemistry.

II. **QUALITATIVE ANALYSIS.** Pre-requisite I. Lectures, recitations and laboratory practice. A study is made of the metallic elements and their compounds, including the metallurgy of the common ores. In the laboratory the reactions of the acids and bases are first studied, followed by their systematic separation and detection in unknown combinations. Leavenworth's Outlines.

III. **QUALITATIVE ANALYSIS, advanced.** Pre-requisite I and II. Laboratory practice. Analyses are made of a large number of alloys, ores, and commercial products. This course includes the elements of blowpipe analysis.

IV. QUANTITATIVE ANALYSIS, inorganic. Pre-requisite I-III. Mostly laboratory practice. This course is devoted to the general principles and practice of volumetric and gravimetric methods of analysis. Cairns' Quantitative Analysis and other texts.

V. ORGANIC CHEMISTRY, elements. Pre-requisite I-III. Lectures, recitations and laboratory practice. Intended as an introduction to the study of the compounds of carbon. Instruction is given on such classes of compounds as the hydrocarbons, alcohols, ethers, organic acids, fats, carbohydrates, etc. Remsen's Organic Chemistry. The laboratory practice covers the preparation of such substances as are included in Orndorf's Manual.

VI. MEDICAL CHEMISTRY. Pre-requisite I-III. Recitations and laboratory practice. *a.* Urinalysis. Chemical and microscopical examination of the normal and abnormal constituents of the urine. Long's Urinalysis. *b.* Toxicology. Devoted to the detection and estimation of the organic and inorganic poisons.

PHYSICS.

I. GENERAL PHYSICS. Recitations and illustrated lectures. The topics for this course are kinematics, dynamics, sound and heat.

II. GENERAL PHYSICS. Course I, continued. Pre-requisite I. Recitations and illustrated lectures. Subjects discussed are light, electricity and magnetism.

III. PHYSICAL MEASUREMENTS. Pre-requisite I and II. Laboratory practice and informal discussions. Devoted to quantitative measurements in physics and is pursued with reference to the work in courses I and II. Sabine's Manual.

GREEK.

I. LYSIAS' ORATIONS. Reading of eight orations accompanied by a careful review of the Attic inflections and syntax. Greek composition. Fall term. Freshman year.

I. *a.* As a background for the study of the language and literature, a course of lectures will be given during the Freshman year on such topics as the land and people of Greece, the Mycenaean age, the city of Athens, the acropolis. The lectures will be fully illustrated by lantern slides and photographs, and in this connection the class will read a standard history of Greece (Botsford).

II. HOMER. Reading from the Odyssey. Study of Homeric poetry and of Homeric life. Winter term. Freshman year.

III. PLATO. The class will read the Apology and Crito and selections dealing with the life of Socrates. Greek Composition. Spring term. Freshman year.

IV. HERODOTUS AND THUCYDIDES. A literary and historical study. The authors will be studied with reference to literary style and historical method. A general study of the history of Athens from the time of the Persian, to the Peloponnesian war, with special study of certain events. Fall term. Elective.

V. ARISTOPHANES. Several plays will be read. Development of Attic Comedy. Life in Athens during the last half of the fifth century. Winter term. Elective.

VI. DEMOSTHENES. On the Crown. Study of the larger problems of the period. Spring term. Elective.

VII. THE DRAMA. The reading of representative dramas. A comparative study of the art of Aeschylus, Sophocles and Euripides. Scenic antiquities. Fall term. Elective. .

VIII. ATTIC ORATORS. Selections from the orators preceding Demosthenes. The development of Attic oratory. Athenian legal antiquities. Winter term. Elective.

IX. PLATO AND THE POETS. A study of Greek religious thought with a special study of Plato as its culmination. The class will study in detail the religious ideas of those portions of the Homeric poems and of the dramatists with which they are already familiar and will read selections from Plato, chiefly from the Republic. Informal lectures and discussions throughout the term. Spring term. Elective.

X. ELEMENTARY COURSE. Designed for students who have not taken Greek but find, late in their course, that at least an elementary knowledge of the language is important for their future work. No credit will be given for less than the full year.

XI. NEW TESTAMENT GREEK. Two hours per week in fall term. Elective.

XII. GREEK ART. See Classical Archaeology course II.

CLASSICAL ARCHAEOLOGY AND ANTIQUITIES.

The following courses are intended to supplement the work of the Classical department. They are well illustrated by the use of stereopticon and photographs.

I. General antiquities of Greece. See Greek department, course I a.

II. An outline course in the history of Greek art. The primary object of this course is to familiarize the student with the important remains of ancient art. Spring term.

III. ROME. This course traces the growth of the ancient city from its foundation to the fourth century, and treats in detail of the following portions: Roman Forum; Capitoline, Palatine, and Aventine Hills; Fora of the Empire; Buildings of the Campus Martius;

Triumphal Arches; Thermae; Tombs; and other buildings and monuments of the Ancient City.

IV. ROMAN PRIVATE LIFE. Lectures are given on the following subjects: The Roman name; the organization of the family; marriage and divorce; children—their nature, amusements and education; slaves, freedmen, clients, and hospites; houses—their construction, decoration, furnishing; dress; daily and social life; theatre, circus, amphitheatre, and public baths; writing, manuscripts, and libraries; travel; arts and industries; religion; death and burial.

LATIN.

I. LIVY. Books I and II; or XXI and XXII. Prose composition. Especial attention is given to syntax and to a study of the subjunctive mood. Prose work, based upon the text, continues for about half the term. Books XXI and XXII will be read in 1901. Fall term. Freshman year.

I *a*. TOPOGRAPHY OF ANCIENT ROME. (See Classical Archaeology III.) This course accompanies course I when books I and II of Livy are read. One hour. Fall term. (Omitted in 1901.)

I *b*. ROMAN PRIVATE LIFE. (See Classical Archaeology IV.) This course accompanies I when books XXI and XXII of Livy are read. One hour. Fall term.

II. TACITUS. *Germania* and *Agricola*; or *Agricola* and Selections from the *Annals*. Winter term. Freshman year.

III. HORACE. *Odes* and *Epodes*. Studies in the Neighborhood of Rome. Spring term. Freshman year.

IV. CICERO. *De Officiis*. Discussions upon the teachings of Cicero. (Omitted in 1901.) Fall term. Elective.

V. CICERO. *Tusculan Disputations*. Selections. Discussions. Fall term. Elective.

VI. LATIN SATIRE. Selections from Juvenal, Horace, and Persius. Winter term. Elective.

VII. ROMAN ORATORY. Cicero (*Brutus*), Quintilian (*X* and *XII*), Tacitus (*Dialogus*). (Omitted 1902.) Winter term. Elective.

VIII. LATIN COMEDY. Selected plays of Plautus and Terence. Rapid reading course. Spring term. Elective.

IX. LATIN LITERATURE. The work of the term includes (1) the translation of many selections from the works of the chief authors from Plautus to Gellius, with especial attention to inscriptions and fragments of old Latin; (2) the mastery of the Primer of Latin Literature; (3) the preparation of a paper upon some topic connected with the work. The Primer will be supplemented by a course of lectures upon the History of Roman Literature. Texts, Smith's Latin Selections; Wilkin's Primer. (Omitted in 1902.) Spring term. Elective.

X. ROMAN CORRESPONDENCE. Selected letters of Cicero, Pliny, and Marcus Aurelius. Two hours. Fall term. Elective.

XI. CATULLUS AND LATIN HYMNS. Selections. (Omitted in 1901.) Two hours. Fall term. Elective.

FRENCH.

I. NINETEENTH CENTURY AUTHORS, three hours per week; scientific French, one hour; composition, one hour. Required in Freshman year, Literary course. Fall term.

II. NINETEENTH CENTURY AUTHORS, continued. Required in Freshman year, Literary course. Winter term.

III. SEVENTEENTH CENTURY AUTHORS; one or two works each from Corneille, Racine, Moliere, four hours per week; composition and review of grammar, one hour; assigned reading to supplement the class work. Required in Freshman year, Literary course. Spring term.

GERMAN.

I. DRAMA. (Freitag, Lessing, etc.); or advanced prose reading, four hours per week; prose composition, one hour. Required in Sophomore year, Literary course. Fall term.

II. SCHILLER. Four hours per week, composition one hour. Required in Sophomore year, Literary course. Winter term.

III. GOETHE. Four hours per week, composition and review of grammar one hour. Required in Sophomore year, Literary course. Spring term.

NOTE.—Clubs are formed in both French and German, which meet for an hour in the evening on alternate weeks, for additional practice in conversation and reading.

ENGLISH.

I. RHETORIC. Principles of English Composition and Rhetoric with work in criticism and essay writing. Text, Genung's *The Working Principles of Rhetoric*. Spring term. Sophomore year. Required.

II. ENGLISH LITERATURE. Chaucer and Shakespeare are studied for their literary qualities and for their relation to the development of the English Language, with a brief survey of the literature of the fourteenth, fifteenth, and sixteenth centuries. Fall term. Junior year. Required.

III. ELIZABETHAN LITERATURE. The literary development and character of the Elizabethan Period as shown more especially in the works of a few great writers. Reference text, Saintsbury's *History of Elizabethan Literature*. Winter term. Elective.

IV. SHAKESPEARE. A critical and appreciative study of Shakespearian Tragedy, with lectures upon Shakespeare's dramatic art. Winter term. Elective.

V. AMERICAN LITERATURE. The rise, development, and character of American Literature, with daily readings from representative authors. Reference text, Wendell's Literary History of America. Winter term. Elective.

NOTE.—Only one of courses III, IV, and V will be given in any one year.

VI. OLD ENGLISH. A study of Anglo-Saxon with special reference to its relation to the history of the English Language. Texts, Bright's Anglo-Saxon Reader, and Emerson's History of the English Language. Winter term. Elective.

VII. MILTON. A critical and appreciative study of Paradise Lost, with written reports upon his other poems. Offered only in alternate years, alternating with course VII. Fall term. Two hours a week. Elective.

VIII. BROWNING. A critical and appreciative reading of Robert Browning's Poetry with essays. Offered only in alternate years, alternating with Course VII. Fall term, two hours a week. Elective.

IX. ELOCUTION. Theory and art of reading and speaking, with lectures upon voice and gesture. Practice in reading and declaiming. Spring term. Two hours a week. Elective.

X. ENGLISH. This course consists of a practical study of the principles of English composition, English style, and English oratory, aided by such texts as Wendell's English Composition, Spencer's Philosophy of Style, and Lewes' Principles of Success in Literature, and by lectures upon various topics in rhetoric, literature, and oratory. The lecture courses for 1899-1900 were upon Elocution, Oratory, and Debate; for 1900-1901, upon American Literature; and for 1901-1902 are to be upon the literature of the Victorian Era. The purpose of this work is to give every student a clear and definite knowledge of the principles of expression in writing and speaking with some degree of skill in their use, and to broaden his knowledge and appreciation of literature. An essay, and an oration or debate are required of each student every term. Once a week throughout the four years. Required of all students.

GENERAL INFORMATION.

LOCATION.

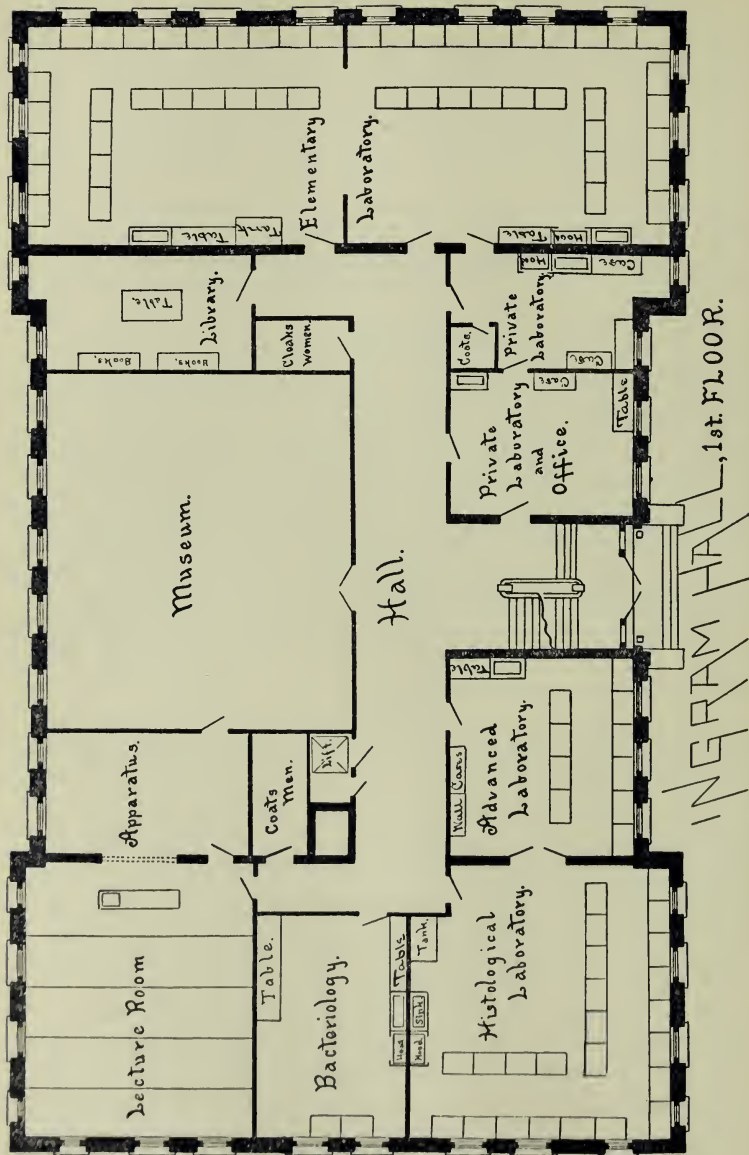
Ripon is justly considered one of the most attractive residence cities in the state of Wisconsin. It is located on a gravelly soil at such an elevation as to have almost perfect drainage. The result is that the city has a remarkable record for healthfulness. Diseases connected with poor drainage are entirely unknown. Typhoid fever is not known to originate within the city. The water supply is exceptionally pure, and the city is supplied with an admirable system of sewers. It is easily reached from any part of the state by way of either the Chicago & North-Western or the Chicago, Milwaukee & St. Paul railways.

The college campus is in the most elevated part of the city and its buildings command extensive and beautiful views of the surrounding country.

BUILDINGS.

In East College are located the chapel, the Conservatory of Music, Ecolian Hall, and the President's and Treasurer's offices. In the Middle Building is placed the Library. In this building also are located the rooms for the young men of the College department. The upper stories of West College are used for dormitories for the young men of the Preparatory department, while the first story is devoted to recitation halls. In the basement is a gymnasium, supplied with the usual conveniences in the form of lockers, bath-rooms, etc. In a separate building are located the class rooms of the department of Mathematics and the offices of the Registrar and Secretary of the Faculty.

Bartlett Cottage, named in honor of the late Sumner Bartlett of Oshkosh, furnishes an admirable home for the young ladies of the institution. The rooms are large, pleasant, and sunny, and the building is supplied with all modern conveniences in the shape of steam heat, bath-rooms, etc. Dawes Cottage, named in honor of the Hon. William Dawes of Milwaukee, is situated just off the college campus, and is designed for the use of women students who desire to board themselves. It will accommodate fourteen students.



Ingram Hall, named in honor of O. H. Ingram, Esq., of Eau Claire, is devoted to the use of the scientific departments of the college. It is a large building—73x121 feet—having three stories and a commodious basement and is admirably adapted, in every way, for the uses for which it was designed. It is a building of the classical style of architecture, somewhat plain, but in entirely good taste and fitted with all appliances essential for the teaching of sciences. The first story and a part of the basement are utilized for the department of Biology. In the second story is located the department of Physics and the third story contains the department of Chemistry. The laboratories are large, well lighted, and supplied with all necessary conveniences in the way of gas, water, etc. Each department has a large and conveniently arranged lecture room. There is also a room upon each story for the storage and display of museum preparations. The zoological collections are upon the first story, the botanical and geological upon the second, and the mineralogical upon the third story. Ample storage rooms are supplied in the basement and in the attic and for the convenience of carrying material to the different stories of the building, a freight elevator runs from the basement to the attic.

LIBRARY.

The main library occupies the entire western half of the first floor of Middle College. The collection consists of nearly eleven thousand catalogued volumes and several thousand works of a miscellaneous character.

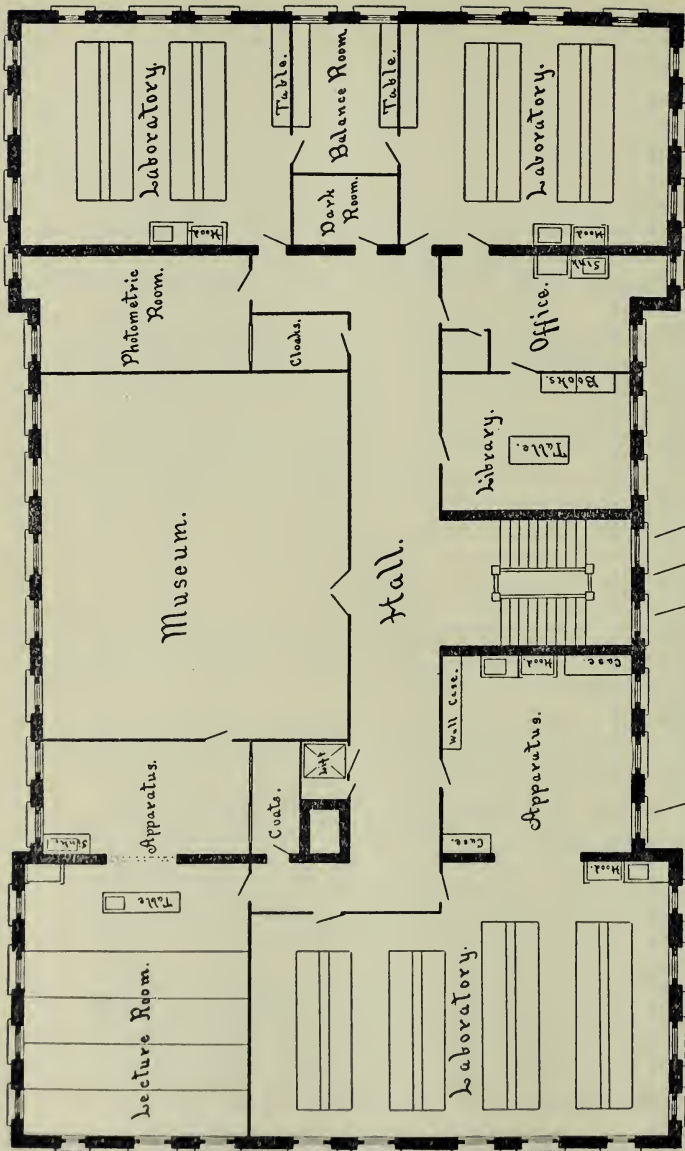
The libraries for the departments of biology, physics and chemistry are located in Ingram Hall, and those for Greek, Latin and economics are installed in the rooms occupied by these departments.

The library is catalogued both by authors and subjects according to the latest approved system. It is well supplied with works of reference and has nearly complete bound sets of the standard magazines.

In order to encourage the use of the facilities of the library, tables are provided for consultation and investigation, and the students have free access to the alcoves.

Through the generosity of a number of graduates of the college and of friends, there has recently been expended a considerable sum of money which has greatly enriched the library in material directly available for use in the several departments. Books may be drawn each week day under suitable regulations. Students also are privileged to draw books from the public library of the city.

The reading room is well supplied with daily and weekly newspapers in English, German and Welsh, as well as with the leading periodicals. It is open daily from 7 a. m. to 8 p. m.



INGRAM HALL, 2nd FLOOR.

LABORATORIES.

THE BIOLOGICAL LABORATORIES.

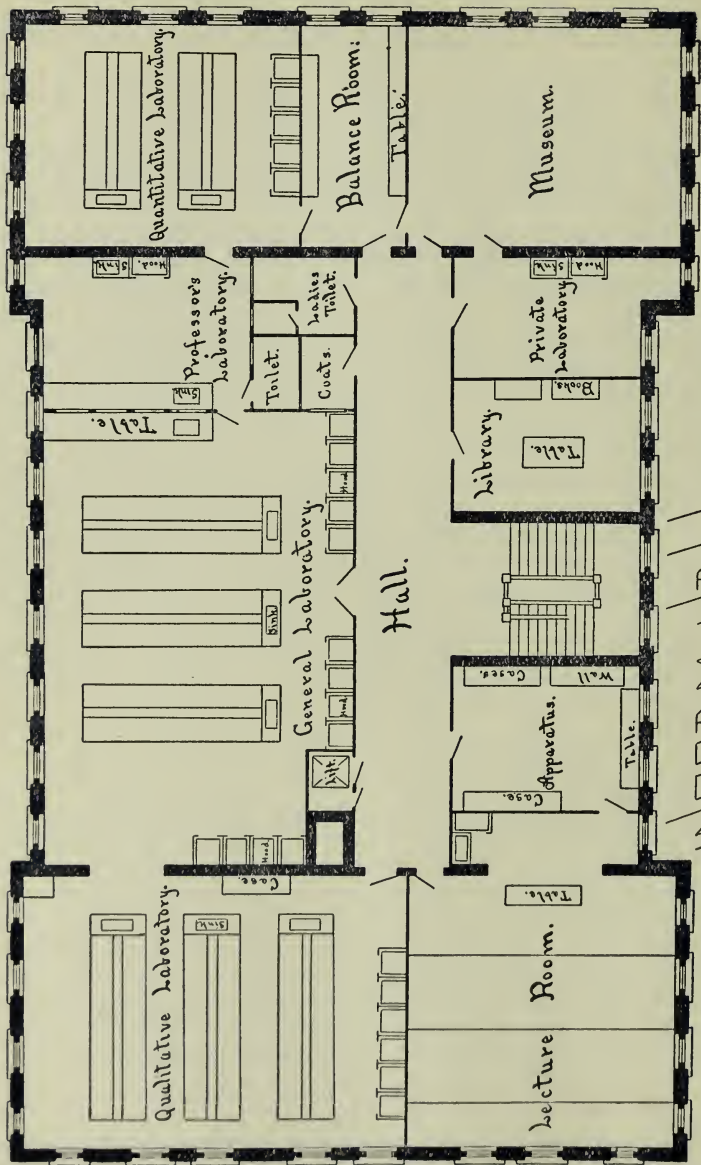
The equipment of the Biological Laboratories is quite complete and additions are made from time to time as need arises. The laboratories are convenient, thoroughly lighted rooms, and so large that a table can be assigned to each student for his exclusive use through the entire term. This makes it possible for the student to accomplish much more than would be the case if successive divisions of the class had to use the same tables. The equipment in the way of apparatus is ample; there is an abundant supply of microscopes, cameras, etc., of the best German and American makes, and all necessary glassware is present for the various courses. The bacteriological laboratory is supplied with the various sterilizers, incubators, etc., which are necessary for that work. On the same floor with the laboratories, and conveniently reached, is a library room, in which is kept the working library of the department. This is a carefully selected list of books, to which additions are being made constantly, and supplies the students with all needed literature. In addition to the tanks in the laboratories for living animals and plants which are under observation, there is, in the basement, a Vivarium, in which are kept such animals as are necessary for laboratory uses. In connection with the Vivarium is an Injection Room, where the material for laboratory use is prepared. In the basement also are located the storage rooms of the department.

THE CHEMICAL LABORATORIES.

The department of Chemistry occupies the third floor of Ingram Hall. The lecture room seats about fifty and has the customary appliances. The general laboratory is equipped with thirty-five desks that are supplied with lockers, gas and water. The qualitative laboratory is similarly provided for and accommodates twenty students. The quantitative laboratory has desk room for sixteen, and adjoining this is a large balance room. All laboratories are supplied with hoods. In addition to these the department has a laboratory for the professor in charge, a private laboratory, preparation and storage rooms and a library room. An assaying room is arranged for in the basement. The department is well equipped with apparatus for all the courses offered.

THE PHYSICAL LABORATORIES.

The department of Physics occupies the greater part of the second floor of Ingram Hall and a portion of the basement. A spacious laboratory for work in general physics, lecture room, photometric room,



INGRAM HALL, 3rd. FLOOR.

two laboratories for advanced work, preparation room, balance and dark rooms, a private laboratory and library occupy the second floor. In the basement a large room is reserved for work in electricity which is provided with piers of masonry. A forty foot suspension shaft is arranged for pendulum observations. All laboratories are supplied with hoods, sinks, water and gas. Ample facilities are offered for work in several branches of pure physics.

The electrical apparatus of the physical laboratory includes a large Storage Battery, a Wheatstone Wire Bridge, a Rheostat, a Coloumb Torsion Balance, Astatic and Tangent Galvanometers, a Magnetometer, a Voltmeter, an Electric Motor and a Dynamo, together with apparatus illustrating the laws of Electro-Dynamics and Electro-Magnetism. Students have access to a good department library.

PHYSICAL CULTURE.

The college gymnasium, equipped with the necessary apparatus, offers ample opportunity for physical training during the winter months.

All young men of the Freshman and Sophomore classes are required to take regular exercise during the winter term.

Regular work is required of the young women of the Freshman and Sophomore classes, one hour, three days of the week, from November 1, to end of winter term.

The work for young women aims to develop healthful bodies by scientific methods that are simple, direct, and safe. Each young woman upon entering the gymnasium is given a careful physical examination and advised in regard to the amount and kind of exercise she most needs. The exercises taught are taken from the Sargent, Ling, Delsarte, and Emerson systems, with and without apparatus. A system of exercises especially adapted to public schools, without apparatus, is given those who expect to teach.

Basket-ball is played by the young women, but only those who have a satisfactory health record are permitted to play in any regular game.

ATHLETICS. Every effort is made to encourage out-door sports and to emphasize the importance of regular out-door exercise.

Ingalls Park, the college athletic field, contains a covered grandstand, a good quarter-mile track, and an abundance of level ground for foot-ball, base-ball and other games.

REGULATIONS.

The government of the College is not based, to any considerable extent, on fixed rules. It is expected that students will conform to the conventionalities of good society. If they are not willing to do this it is not considered wise to continue their connection with the College.

The following specific rules are observed: Students are expected to attend public worship in some church each Sabbath. They are not permitted to leave town without permission from the discipline officer. The places at which they shall room or board are subject to the approval of the faculty. The use of tobacco is forbidden.

DEGREES.

The degree of Bachelor of Arts is conferred upon those who have completed a college course. The degree of Master of Arts may be conferred upon any graduate of this college, or of any other college offering substantially equivalent courses, who shall have completed an approved course of non-professional study sufficient to constitute an additional year of college work, one half of which, at least, is in a single department or in closely allied departments. This work may be done during one year in residence at the college or, in the case of graduates of this college, during two years of non-residence. Examinations in all the work of the approved course are required, and a satisfactory thesis upon some subject connected with the leading department of the course must be presented at least one month before the close of the college year. Fees for all special examinations and the usual fee for the diploma are required.

PRIZES.

THE JAMES PRIZES.

These prizes are paid from the interest of a fund of \$1,500, given by Mrs. John W. James, of Boston, for the encouragement of English Composition in the college.

There have been established three Freshman prizes of \$10, \$6 and \$4, respectively; three Sophomore prizes of \$15, \$10 and \$5, respectively; and three Junior prizes of \$20, \$12 and \$8, respectively.

The Freshman prize will be awarded for clearness and correctness in style, and for excellence in punctuation, sentence making, and paragraphing, as exhibited in the manuscripts of the Freshman year English exercises.

The Sophomore prize will be awarded for the best Essays upon subjects prescribed by the Professor of English. These essays will be considered with special reference to extent of research, accuracy of statement, and correctness and clearness of style.

The Junior prizes will be awarded for the best Essays upon subjects chosen by the writers. These exercises will be considered with special reference to the understanding of the subject, freshness of the thought, and method and skill in the presentation of the same.

The qualities which are required in the Freshman Essays will be taken into consideration in awarding the Sophomore and Junior prizes also. All Sophomore and Junior Essays must be deposited with the President on or before six p. m. on the second Saturday of the spring term. Before the day appointed for receiving the essays the competitors must register their names with the Professor of English. Each Sophomore or Junior essay is limited in length to three thousand words. Each essay must be signed with a fictitious name, and this fictitious name must be subscribed on a sealed note containing the writer's real name, and this sealed note must also be deposited with the President. No essay is to be handed in which has previously been used in meeting any rhetorical appointment.

No student conditioned in English exercises can compete for the James Prizes. No prize will be awarded for inferior work.

THE LEWIS PRIZE.

This prize was established by Hon. J. T. Lewis, of Columbus.

The annual income of a fund of \$200 will be given to the student who shall hand in the best set of notes on the Biological work of Freshman year. But the prize will not be awarded for inferior work.

THE CLASS OF 1896 PRIZE.

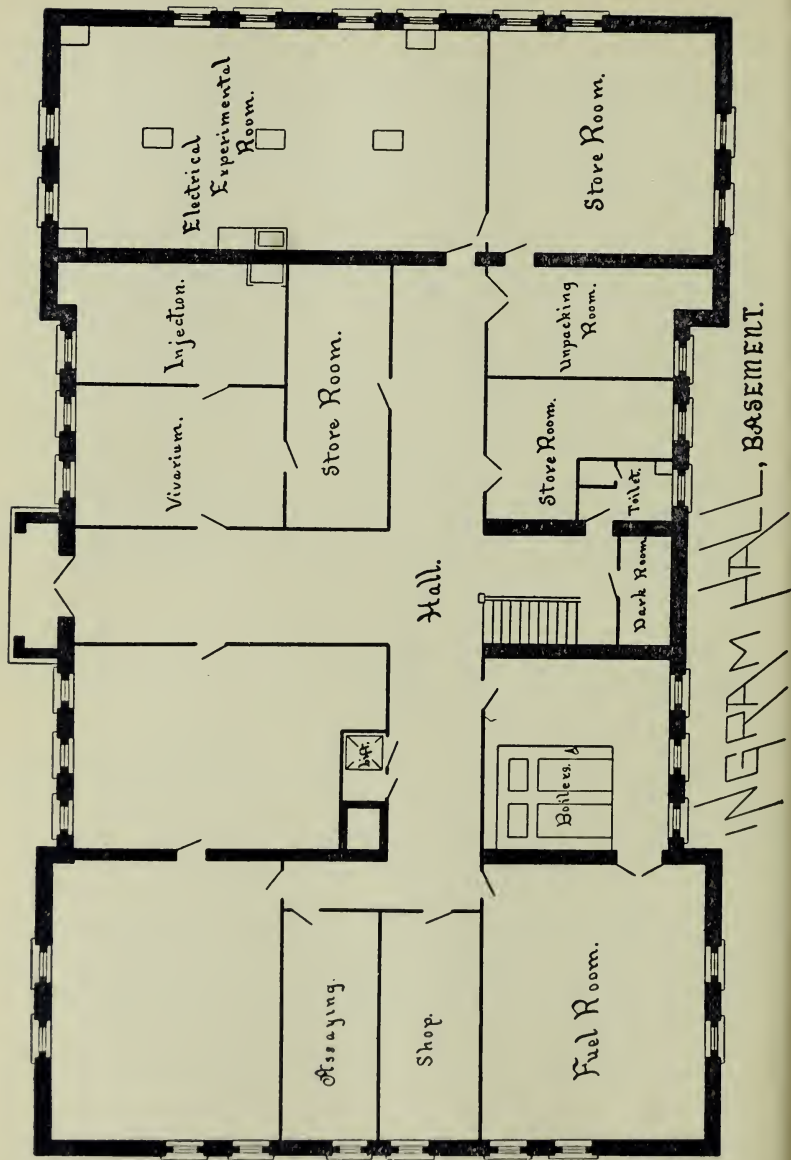
The annual income of the Memorial Prize Fund of the Class of 1896 amounting to about \$20, will be awarded to the successful contestant in a declamation contest by the members of the Junior class.

THE POLITICAL ECONOMY PRIZES.

Three prizes of \$10, \$8 and \$7, respectively, offered by a friend of the college to the class in Political Economy, were awarded in the year 1900 for the best essays on assigned topics.

THE MATHEMATICAL PRIZES.

The following prizes are offered by a friend of the college: One of \$10 for excellence in the required mathematical work of the Freshman year, and one of \$15 awarded at the close of the Sophomore year for practical knowledge of the required mathematics of the Scientific course.



EXPENSES.

TUITION.

Regular expenses, per term, required of every student :

Tuition,	\$10 to \$12 00
Incidental Fee,	6 00
Fee for Athletics. (See page 46.)	50

Several classes of scholarships, furnishing tuition for twelve terms, are available for the use of patrons of the college: (1) Those available within the immediate families of the persons whose signature they bear. (2) Those which have expired by limitation. By the additional payment of \$25 these can be revived and made good to the persons presenting them. (3) Those in the hands of the treasurer for sale. These can be purchased for \$50. (4) A limited number are in the hands of the treasurer under which tuition for the current term can be obtained on application for \$4.20. All of these scholarships expire by limitation September 1, 1906. Up to that time they enable students to obtain tuition at the nominal rate of \$4.20 per term; or, if lapsed scholarships can be found, for \$2.10 per term.

Incidentals is a charge made to defray the expense of library, gymnasium, warming and lighting the halls and public rooms, and of janitor service.

OTHER EXPENSES.

Board in College Hall, per week,	\$2 25
Board for young women in Dawes Cottage,	1 00
Board for young men in Economia Club,	1 80
Room rent in Middle and West Colleges, } according to location of room, per term, }	\$3 to 5 00
Room rent in Bartlett Cottage, including heating—	
First and second floors, per term,	24 00
Third floor, per term,	16 00

The above prices for rooms in Middle and West Colleges and in Bartlett Cottage may be reduced one half by two students rooming together.

Room rent in Dawes Cottage, per term, \$3 50

Application for room in Dawes Cottage should be made before August 1.

Furnished rooms, in Economica Club House, per month, \$2 to \$5 00

Furnished rooms with private families, per month, 2 to 5 00

Laboratory fee in Zoology, Vertebrate Anatomy, Ad- }
vanced Botany, Biology, Histology, and Physics, per term, } 2 00

Laboratory fee in Bacteriology and Embryology, per term, 5 00

Laboratory fee in Chemistry, per term, 5 00

Laboratory fee in Elementary Physics, 1 00

Fuel, lights, washing, books and stationery are considered as personal expenses, hence are not mentioned in the above list.

An average estimate of expenses, per term, for board and room rent in College buildings, incidental fee, with lights and fuel included, will be about

For Fall term, \$48 00

For Winter term, 48 00

For Spring term, 44 00

For full year, \$140 00

This estimate is upon the supposition that two students occupy the same room.

Board in private families, with furnished rooms, varies from \$3.00 to \$4.00 per week.

Rooms in Bartlett Cottage and Dawes Cottage are supplied with the necessary furniture except carpets, bedding, crockery, and lamp.

Rooms in Middle College and West College are rented without furniture.

About two hundred students may have rooms and board in the College buildings. Several of the teachers reside there, and board at the same table with the students, board being furnished at actual cost by the College Dining Association which is composed of teachers and students and is under the general control of the college.

All charges must be paid or satisfactory arrangements made with the treasurer within two weeks after joining the institution. Students who do not strictly observe this rule will forfeit their connection with the College.

If for good reasons a student shall leave before the middle of the term, one-half of his fees will be refunded.

SELF HELP.

It is the purpose of the College to afford every possible encouragement to worthy students of limited means.

Young men who need it may generally find remunerative employment for an hour or two a day, but the College does not agree to furnish it. No person should expect to pay the whole or a very large part of his expenses by his own labor, and still to complete the course within the usual time. Those who wish an education, and are willing to work for it, are invited to correspond with the Faculty, stating their circumstances and plans.

THE RUFUS DODGE FUND.

The late Rufus Dodge of Beaver Dam, left the college a legacy of \$9,000 as a permanent fund to aid young women of limited means in getting their education. The interest of this fund will be annually distributed among such students for this purpose, according to their need.

PERMANENT SCHOLARSHIPS.

Three permanent scholarships have been founded for the benefit of young men of limited means. The income from these is applied annually in payment of the tuition of those whom the President may designate as proper persons to receive it. Several young men may thus have financial aid.

STUDENT ORGANIZATIONS.

THE CHRISTIAN ASSOCIATIONS.

The college branch of the Young Men's Christian Association holds regular meetings on Sunday afternoon at four o'clock, in the Association room in West Building. At the same hour the Young Women's Christian Association meets in the parlors of Bartlett Cottage. On Tuesday evening a general prayer meeting of students and faculty is held in the chapel.

Bible and mission study classes are maintained throughout the year.

LITERARY SOCIETIES.

There are two literary societies in the college: one for women of both the College and Preparatory schools, and one for the men of the College. A third society is maintained by the men of the Preparatory school. These societies have well furnished halls, and afford their members valuable means of voluntary improvement.

THE COLLEGE DAYS.

The students publish the usual college paper, called *The College Days*. It is published by a board of editors selected by the literary societies, and represents the literary and social activities of the College.

THE ORATORICAL UNION.

Ripon College is one of the three colleges constituting the State Oratorical Association. In the selection of contestants and in all official dealing with the state society, the students are represented by the local Oratorical Union. All students are eligible to membership.

ATHLETIC ASSOCIATION.

The students, organized as the College Athletic Association, have always had control of athletics, the maintenance of athletic teams and the selection of officers. However, in order to secure greater steadiness, and better business methods in the management of athletics, general supervision of such matters has recently been put into the hands of a committee of three, representing students, alumni and faculty. At the request of the students a fee of fifty cents per term is collected by the College Treasurer, who is also treasurer of the Association, for the support of athletics.

PREPARATORY SCHOOL.

The Preparatory School is under the general supervision of the President and Faculty, and the instruction is under the immediate direction of the professors in the various departments. The students of the Preparatory school are subject to the same rules as the College students, with the addition of such specific regulations as are necessary in the administration of a Preparatory school.

The courses of study are designed to prepare students for the Classical, Scientific and Literary courses of the College.

To enter the Junior class, students must have such knowledge of English Grammar, Arithmetic, Geography and U. S. History as is required for admission to the Free High Schools of the state.

Candidates for higher standing must present satisfactory evidence, or be examined in the studies previously pursued by the class which they desire to enter.

Students not desiring to take a complete preparatory course are allowed to enter classes for which they are prepared, and such students are under the same requirements with respect to Rhetorical Exercises as students in the regular courses.

For statement of expenses see page 43.

CONSPECTUS OF COURSES.

JUNIOR YEAR.

	FALL TERM.		WINTER TERM.		SPRING TERM.	
All Courses.	Grammar.	8	Arithmetic.	8	Civil Government.	3
	U. S. History.	2	Hebrew History.	2	Ancient History.	10
	Elem. Physiology.	10	Elem. Rhetoric.	10	English Comp.	8

JUNIOR MIDDLE YEAR.

Classical Course.	Latin Lessons.	3	Latin Lessons.	3	Viri Romae.	3
	Elem. Eng. Lit.	11	Phys. Geography.	10	Elem. Botany.	11
	Elem. Algebra.	9	Elem. Algebra.	9	Elem. Algebra.	9
Scientific & Literary Courses.	Latin Lessons.	3	Latin Lessons.	3	Viri Romae.	3
	Medieval History.	11	Phys. Geography.	10	Elem. Botany.	11
	Elem. Algebra.	9	Elem. Algebra.	9	Elem. Algebra.	9

SENIOR MIDDLE YEAR.

Classical Course.	Cæsar.	2	Sallust and Cicero.	2	Cicero.	2
	Greek Lessons.	8	Greek Lessons.	8	Anabasis.	8
	Geometry.	10	Elem. Physics.	10	Elem. Physics.	10
Scientific & Literary Courses.	Cæsar.	2	Sallust and Cicero.	2	Cicero.	2
	Elem. French.	8	Elem. French.	8	Elem. French.	8
	Geometry.	10	Elem. Physics.	10	Elem. Physics.	10

SENIOR YEAR.

Classical Course.	Vergil.	9	Vergil.	9	Vergil and Cicero.	8
	Anabasis.	11	Anabasis.	11	Iliad.	2
	Elem. German	3	Elem. German	3	Geometry.	11
	or Elem. French.	8	or Elem. French.	8		
Scientific Course.	Vergil.	9	Vergil.	9	Drawing.	9
	Elem. German.	3	Elem. German.	3	Elem. German.	3
	Elem. Eng. Lit.	11	Modern History.	11	Geometry.	9
Literary Course.	Vergil.	9	Vergil.	9	Vergil and Cicero.	8
	Elem. German.	3	Elem. German.	3	Elem. German.	3
	Elem. Eng. Lit.	11	Modern History.	11	Geometry.	11

Weekly exercises in English during alternate terms throughout the course.

COURSES OF INSTRUCTION.

ENGLISH.

All the following Courses are required of all students.

A. GRAMMAR. Elements and essentials of English Grammar. Fall term. Junior year.

B. ELEMENTARY RHETORIC. A study of the essentials of a correct and clear style, and of sentence and paragraph forms, with practice in the correction of errors and in composition. Text, Mead's Practical Composition and Rhetoric. Winter term. Junior year.

C. ENGLISH COMPOSITION. Practical work in essay writing, with a study of paragraphing and of the kinds of composition. Spring term. Junior year.

D. ENGLISH LITERATURE. A brief survey of the history and development of English Literature, reading of selections from great authors, and a careful study of a few masterpieces. Fall term. Junior Middle year of the Classical course, and Senior year of other courses.

E. ENGLISH. Declamations, Essays, and Literary Readings. This course consists of declamations with criticism and instruction in public speaking, essay writing, and the study of selected classics in English Literature. Once a week in alternate terms throughout the four years.

FRENCH.

A. Andre Beziat de Bordes' Elements of French begun, four hours per week; easy reading one hour. Required in Senior Middle year, Literary and Scientific courses. Classical Seniors may choose between this course and the German, Course A. Fall term.

B. Grammar (finished at mid-term), two hours per week; reading, one hour; Francois' prose composition (begun at mid-term), two hours per week; reading, three hours. Required in Senior Middle year, Literary and Scientific courses, also required for Classical students who have elected Course A. Winter term.

C. Continuation of the work of the second half of the winter term. Required in Senior Middle year, Literary and Scientific courses. Spring term.

GERMAN.

A. Collar's Shorter Eysenbach begun, four hours per week; easy reading, one hour. Required in Senior year, Literary and Scientific courses. Required in Classical course, if French is not elected. Fall term.

B. Grammar completed, three hours per week; reading, two hours; Bernhardt's prose composition (after the completion of the grammar), two hours per week; reading, three hours. Required in Senior year, Literary and Scientific courses, also in Classical, if elected in fall term. Winter term.

C. Continuation of the work of the latter half of the winter term. Required in Senior year, Literary and Scientific courses. Spring term.

NOTE.—Practice in conversation, dictation, memorizing, and sight reading is given throughout the course in both French and German.

LATIN.

Allen and Greenough's Latin Grammar is required in all classes.

A. LATIN LESSONS. The beginning Latin book is studied throughout the term. Fall term. Junior Middle year.

B. LATIN LESSONS. The first Latin book is completed. Three or four selections from Viri Romæ are read. Text, Churchill and Sanford's Viri Romæ. Winter term. Junior Middle year.

C. VIRI ROMÆ. Twenty-five selections from the Veri Romæ are read together with some work in Latin Prose composition. Text, Churchill and Sanford's Viri Romæ. Spring term. Junior Middle year.

D. CÆSAR. Books I and II of Cæsar's Gallic War. Prose work based upon the text. Text, Allen and Greenough. Fall term. Senior Middle year.

E. SALLUST AND CICERO. Sallust's Catiline is read as an introduction to Cicero, followed by the first two orations of Cicero against Catiline. Texts, Herbermann's Sallust, Allen and Greenough's Cicero. Winter term. Senior Middle year.

F. CICERO. The third and fourth orations against Catiline, the Manilian Law, and Poet Archias are read. Prose work based upon the text is continued. Text, Allen and Greenough's Cicero. Spring term. Senior Middle year.

G. VERGIL. Books I and II of Vergil's Æneid are read. Attention is given to scansion and mythology. Texts, Greenough and Kittredge's Vergil, Beren's Myths of Greece and Rome. Fall term. Senior year.

H. VERGIL. Books III, IV and V of the Æneid are read. Winter term. Senior year.

I. VERGIL AND CICERO. This is a term of rapid reading. The sixth book of the Æneid is read together with some one of the shorter works of Cicero and reading at sight. Spring term. Senior year.

J. BEGINNING LATIN. Rapid course. For those students who have had sufficient drill in other foreign languages a rapid course is offered by which the time usually given to preparatory Latin is materially lessened.

GREEK.

Goodwin's Greek Grammar is used.

A. ELEMENTARY LESSONS. White's First Greek Book. Fall term of Senior Middle year.

B. ELEMENTARY LESSONS, continued. Winter term.

C. ANABASIS BOOK I. Kelsey's Anabasis. Greek composition. Spring term.

D. ANABASIS. Grammar review and composition. Fall term of Senior year.

E. ANABASIS, or equivalent. Grammar and composition. Geography of Greece. Winter term.

F. HOMER'S ODYSSEY. Four books. Perrin and Seymour's edition. Spring term.

AB. A rapid course for those graduates of accredited High Schools who do not offer Greek for admission. The work is equivalent to courses A. and B.

CD. A continuation of course AB.

EF. A continuation of course CD.

MATHEMATICS.

A. ARITHMETIC. A single term of review to supply possible deficiencies, and to make practicable more rapid and thorough work in Algebra. Winter term.

B. ALGEBRA. Fundamental operations, simple equations, factoring, highest common factor, lowest common multiple, fractions. Fall term.

C. ALGEBRA. Simple equations, simultaneous equations, involution, evolution, theory of exponents, radicals. Winter term.

D. ALGEBRA. Quadratic equations, zero and infinity, ratio and proportion, progressions, binomial theorem. Spring term.

Text-book for the three terms, Wells' Essentials.

E. GEOMETRY. Plane Geometry; logical accuracy of reasoning being a leading object of effort. Fall term.

F. GEOMETRY. Solid Geometry, with special attention to accurate concepts of form without the aid of figures, and also to Mensuration. Spring term.

Text-book for both terms, Phillips and Fisher.

PHYSICS.

A. INTRODUCTION TO PHYSICS. Recitations and experiments. Subjects considered are mechanics and heat.

B. ELEMENTARY PHYSICS, continued. Recitations with experiments. Devoted to the elements of sound, light and electricity. Wentworth and Hill's Physics.

BIOLOGY.

A. BOTANY. The work of this course is based upon Bergen's text-book and includes a study of the fundamental ideas of botany. A large part of the work is upon the flowering plants, and while there is no required work in analysis, in the old-fashioned sense, the students are expected to learn enough of systematic botany to be able to classify common phenogamous plants. A small amount of work is required of each student in the way which will teach him to prepare and classify plants for an herbarium. Spring term of Junior Middle year.

B. PHYSIOLOGY. It is expected that in this course a student will familiarize himself with the essentials of human anatomy and physiology. The text-book used at present is Foster and Shore's Physiology. Fall term of Junior year.

PHYSICAL GEOGRAPHY.

The work in Physical Geography consists of daily recitations in winter term of Junior Middle year. The text-book in use is Tarr's Physical Geography.

HISTORY.

All the preparatory courses of study include one term each of United States, of Hebrew, and of Ancient History; and students in the Scientific and Literary courses have in addition one term each of Medieval and of Modern History.

- A. United States History. Fall term. Junior year.
- B. Hebrew History, (Blaikie). Winter term. Junior year.
- C. Ancient History, (Myers). Spring term. Junior year.
- D. Medieval History, (Myers). Fall term. Junior Middle year.
- E. Modern History, (Myers). Winter term. Senior year.

PHYSICAL CULTURE.

Regular exercise, under direction of the instructor, is required of all students in the Preparatory school from November 1, until the end of the winter term.

CONSERVATORY OF MUSIC.

The aim of this institution is to impart a high-grade and thorough musical education. The course of instruction is modelled principally after that pursued in the Conservatories of Europe, and will be so complete as to render further Conservatory instruction unnecessary;—at a cost very much lower than the ordinary,—under refined and elevating influences. The Diplomas of this Conservatory are already prized, and we earnestly hope that the citizens of this state, desiring for their sons and daughters a liberal musical education, will bestow their patronage here.

COURSES OF STUDY.

Five complete courses of study are offered :

1. A course in Piano.
2. A course in Pipe Organ.
3. A course in Voice Culture.
4. A course in Violin.
5. A course in Science and Theory of Music.

These courses are organized in two distinct departments of study : 1, Introductory Course, or General Musical Instruction; 2, Course Leading to Diploma.

I. INTRODUCTORY COURSE, OR GENERAL MUSICAL INSTRUCTION.

This course is open to anyone wishing to pursue elementary musical study, or to prepare for the more advanced courses offered. No previous knowledge of music is required. Students may choose any one or as many of the studies offered as desired; but may not register for less than one term. No diploma will be given in this course, but students who have done creditable work will be given certificates stating the amount of work accomplished.

II. COURSE LEADING TO DIPLOMA.

Course II is open to any person who is qualified to pursue advanced musical study. Students taking this course are required to pursue the study of Harmony and Musical History in connection with their main work (Piano, Voice Culture or Organ). No stated time for graduation can be set apart, as the varied needs of different pupils, and the demands of individual development exclude the possibility of defining the length of a period of study that shall govern all cases. This course embraces five distinct lines of musical work: Instrumental—Piano, Organ and Violin,—Vocal, and Theoretical; and all students must take some work in Piano to graduate.

COURSE IN PIANOFORTE.

“This course,” as VonBuelow remarks, “includes all, from the beginner to the virtuoso.”

After mastering the rudiments, for which we use Lebert and Stark’s Piano School, Part I, the course is as follows:

I. (A.) Aloys Schmitt, Studies. (Mendelssohn studied these.)
(B.) St. Heller, Op. 45.

II. (A.) Cramer’s Studies, Buelow Edition. (B.) Heller, Op. 46.
(C.) Czerny, Velocity Studies.

III. (A.) Clementi’s *Gradus ad Parnassum*, Tausig’s Edition.
(B.) Moscheles, Op. 70.

IV. (A.) Henselt’s Studies, Op. 2. (B.) Haberbier, *Etudes Poesies*.

V. Chopin’s Op. 10 and Op. 25.

Beginning with grade III, the study of Bach’s Well-Tempered Clavichord is commenced and continued, as also Joseffy’s Daily Studies, and other technical work, scales, etc. Compositions by Beethoven, Mozart, Schubert, Chopin, and the more modern composers will be given constantly during the course.

The above course will be required for graduation, (together with Harmony and Theory, as will be explained later.)

POST-GRADUATE COURSE.

A post-graduate course will be given to any who desire it, which will still farther advance their artistic skill. Special attention will be paid to Liszt, Tausig, Chopin and Rubinstein in this course.

PIPE ORGAN.

To meet the growing demand for especially educated organists, particular attention will be given to the development of the Pedal Technique, and the acquiring of a complete mastery of the Art of Registration, as well as a thorough knowledge of the nature and structure of the

organ. It is the aim of this department to prepare the pupil both for practical organ work in all the Church Services, and for Concert work.

Students desiring to study the organ should be as far advanced as possible in piano playing.

The following is an outline of the work in this department:

Pedal Studies by Buck, Thayer, Schneider, etc.; Studies in Registration; Rinck's Organ School; Bach, Selected Preludes and Fugues; Mendelssohn, Sonatas and Preludes; Selections from Merkel, Guilmant, Salome, Rheinberger, etc.

VOICE CULTURE AND SINGING.

The object of the Vocal Department is to furnish the best facilities for the development of vocalists for chorus and solo singing, and to give students voice culture in its relation to song and speech.

Especial attention is given to a correct position of the body in singing; a healthy and skillful management of the breath; the production of a clear, full, and resonant tone, free from the throat; distinct enunciation; the art of phrasing correctly, and the development of a refined musical taste.

Applicants for admission to this department must be familiar with musical notation, must be able to reproduce any given tone, and to sing from memory some simple melody. The ITALIAN Method is used. The following is the outline of the Vocal Course:

Studies by Concone, Vaccaj, Marchesi, etc., with the songs of Schubert, Mendelssohn, and Arias from the Oratorios and Operas, as well as Ballad-Singing.

COURSE FOR VIOLIN.

I. DeBeriot's Instructor; Blumenstengel's Studies in Scales; and easy lyrical pieces by modern composers.

II. Keyser's Etudes, Op. 20; Dont, Op. 38. Easy Sonatas by Schubert and Schumann; Solo pieces in different positions.

III. Kreutzer; Fiorillo; Schradieck's technique; Sitt's scales; Sonatas by Mozart; Concertos by Sitt, Kreutzer, Rode, and Viotti.

IV. Rode; Dancla; Garinies; Alard. Beethoven Sonatas; Concertos and concert pieces by DeBeriot, Spohr, Vieuxtemps, Wieniawski, David, and the standard works of the masters.

From the first, students will be required to play in ensemble.

Special attention is given to a correct and graceful position, good tone and a sure technique.

SCIENCE AND THEORY OF MUSIC.

This course is designed for those who wish to pursue the study of music from a theoretical, historical, and critical standpoint, and can be

carried on, if desired, in combination with other work of this or other departments of the College. It includes the following branches:

Harmony and Elements of Musical Composition; Musical Form, and Analysis of classical masterpieces; Musical History and Biography; Acoustics, or the Physical Basis of Music; Musical Aesthetics.

Topics for essays are assigned each term.

Students taking this course must be able at least to play the piano to a certain extent.

HARMONY.

While those not working for a diploma are not required to take Harmony, such students are strongly urged to do so, and as early in their course as possible; as no pupil who aspires to become an intelligent musician in fields of either vocal or instrumental music can afford to be without a knowledge of the materials with which the composer works—i. e., the principles of harmony, the laws of musical form and structure. This knowledge brings the pupil more closely in contact with the thought and meaning of the great masters in music, so that it becomes an indispensable aid in their study and interpretation.

Students of the Sophomore or more advanced classes in the college are allowed to elect the work in Harmony, and Musical History as shown in the Courses of Study, and will be credited with them, if so elected. Weitzman's Manual of Musical Theory is used as a text-book.

CLASSES IN SIGHT SINGING.

Classes in Sight Reading will be organized and continued throughout the year. The object of these classes—for both children and older pupils—is to acquire the ability to read simple music at sight and to become acquainted with the elemental ideas of Harmony. The fee for classes in Sight Reading is five dollars per term.

Mention should also be made of the admirable series of concerts given under the auspices of the Conservatory of Music, in all of which artists of fine attainments and extended reputation have appeared, thereby giving unusual advantages for hearing the best music.

METHOD OF INSTRUCTION.

Instruction will be given either to individual pupils or to classes of two. It is recommended that piano students, until well advanced, take in classes of two, as by so doing each pupil has the opportunity of studying a wider range of works, of listening to double criticism, and, by observation, of acquiring the elemental methods of teaching.

FREE ADVANTAGES.

1. Piano Recitals.
2. Organ Recitals.
3. The Pupils' Rehearsals.
4. Lectures before the School on History of Music, Physiological Acoustics and kindred subjects. Systematic courses of reading in musical literature will be mapped out for the students of the School.

FEES AND EXPENSES.

The following are the rates of tuition:

FALL TERM.

PIANO, VOICE CULTURE OR VIOLIN.

One period per week, private,	\$18 00
Two periods per week, private,	28 00
Two periods per week, in classes of two, each, . . .	23 00

PIPE ORGAN.

One period per week, private,	\$25 00
Two periods per week, private,	40 00

WINTER OR SPRING TERM.

PIANO, VOICE CULTURE OR VIOLIN.

One period per week, private,	\$16 00
Two periods per week, private,	26 00
Two periods per week, in classes of two, each, . . .	22 00

PIPE ORGAN.

One period per week, private,	\$20 00
Two periods per week, private,	35 00

HARMONY AND MUSICAL COMPOSITION.

In classes of four or more students, per term,	\$ 8 00
Piano practice one hour a day, per term,	3 00

COURSE IN SCIENCE AND THEORY OF MUSIC.

Four periods a week, in class of two, each, per term, .	\$25 00
Four periods a week, in class of four, each, per term, .	15 00

MUSICAL HISTORY.

Class of four, each, per term,	\$10 00
Less than four, each, per term,	15 00

GENERAL INFORMATION.

1. Non-resident music students are under the same regulations as students in other departments of the institution, and are under the control of the Faculty in regard to the places at which they shall board or have rooms.
2. Names must be registered with the Director and one-half of the term's tuition paid before lessons are assigned.
3. One-half of the term's tuition must be paid at the beginning of each term, and the second half in the middle of each term.
4. Pupils are not received for a shorter period than one term, except by special permission of the Director.
5. All practice must be done in the Conservatory rooms, unless the Director consents to other arrangements.
6. No deduction is made for absence from lessons, except in cases of protracted illness, in which case the School will share the loss equally with the pupil.
7. No student is allowed to take part in any public musical performance without the consent of his teacher and the Director.
8. In every case where it can be done conscientiously, pupils will be cheerfully recommended for positions as teachers and organists.
9. All pupils are required to be present at each and every recital, concert and lecture unless excused by the Director.
10. Pupils leaving the college or town during lesson hours must be excused from those lessons by the Director,
11. All sheet music, studies, music books, etc., must be procured from the Director.

DRAWING AND PAINTING.

The instruction in this department is based upon the methods employed in the best Art Schools of New York.

DRAWING.

From the cast and from nature, with charcoal, pen and ink, crayon, chalks, or the pencil as the medium.

PAINTING.

In Oil, Pastel and Water Color, from still life. The studies are arranged with reference to introducing variety of texture and harmony of color. After the pupils have made suitable advancement in technique, they work from life.

The class will spend some time in sketching from nature through the fall and spring terms.

TUITION.

PER TERM.

One day per week,	\$ 7 00
Two days per week,	14 00
Four days per week,	24 00

One-half of the term's tuition must be paid at the beginning of each term, and the second half in the middle of each term.

No deduction is made for absence from lessons, except in cases of protracted illness; but lessons may be made up, if arrangements can be made with the instructor.

Pupils are not received for a shorter period than one term except by special arrangement.

STUDENTS.

C denotes Classical Course.	M. C. denotes Middle College.
L denotes Literary Course.	W. C. denotes West College.
S denotes Scientific Course.	B. C. denotes Bartlett Cottage.

COLLEGE.

SENIOR CLASS.

Ayer, Arlouine,	L	Clymer, N. Y. Mr. O. J. Clark's.	
Batty, James Edward,	C	Glen.	23 M. C.
Beattie, George Wilson,	S	S. Hartford, N. Y.	29 M. C.
Boller, Frederick Conrad,	C	Wausau.	30 M. C.
Churchill, Harold Giles,	S	Endeavor.	Miss Bessett's.
Clark, Lotta Elizabeth,	C	Ripon.	Mr. W. H. Clark's.
Collins, Grace Margaret,	L	Ripon.	Mr. Collins's.
Davidson, James Alexander,	S	Cleveland, O.	Miss Harris's.
Davies, Harriet,	C	Ring.	9 B. C.
Davis, William Reese,	C	Randolph,	Mr. R. L. Morse's.
Edwards, Hugh Jones,	S	Cambria,	25 M. C.
Hall, Jennie,	S	Ripon.	Dr. Hall's.
Hall, Mary Powell,	L	Ripon.	Dr. Hall's.
Hall, Robert Sidney,	S	Ripon.	Dr. Hall's.
Holbrook, David Helm,	C	Union City, Mich.	29 M. C.
Merrell, Edith Blackman,	C	Ripon.	Prof. Merrell's.
Mitchell, Mildred Corinne,	L	Ripon.	Dr. Mitchell's.
Morse, Carrie Zettie,	L	Ripon.	Mr. A. J. Morse's.
Older, Margaret Abiah,	L	Ripon.	Mr. O. J. Clark's.
Roberts, David Kendrick,	C	Spain, S. D.	21 M. C.
Russell, Ira Adams,	L	Metomen.	Mrs. Russell's.
Thomas, John Rogers,	C	Wild Rose.	24 M. C.

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JUNIOR CLASS.

Batty, Foster John,	S	Glen.	26 M. C.
Beebe, Josie Belle,	S	Princeton.	Mrs. Spooner's.
Jones, John Daniel,	C	Wild Rose.	Mrs. Tracy's.
Lehman, Harriet Evelyn,	S	Neosho.	Mr. Grant's.
Nohl, Wanda Laura,	L	Ripon.	Mr. Nohl's.
Olson, David,	S	Durand.	31 M. C.

—6

SOPHOMORE CLASS.

Abel, Margaret Agnes, . . .	C	Berlin.	Mr. Maudlin's.
Barber, Warren Howard, . .	C	Wauwatosa.	24 M. C.
Batty, Arthur Joseph, . . .	S	Glen.	39 M. C.
Blakely, Clement Campbell, .	C	Neenah.	Mr. R. L. Morse's.
Bruins, Dirk,	S	Brandon.	19 M. C.
Cate, Jolana Belle,	L	Auroraville.	Mr. A. J. Morse's.
Chandler, Edith Beatrice, . .	L	Ripon.	Prof. Chandler's.
Clawson, Flora Lucina, . . .	L	Dartford.	7 B. C.
Congdon, Russell Thompson, .	S	Ripon.	33 M. C.
Duffie, Allen Harwood, . . .	S	Ripon.	Mr. Duffie's.
Griffith, Robert William, . .	C	Ripon.	30 M. C.
Meier, Albert Guido,	C	Franklin.	27 M. C.
Meier, Laura Angelica, . . .	L	Franklin.	B. C.
Pinch, Anna Clarke,	S	Chicago, Ill.	Mrs. Morgan's.

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FRESHMAN CLASS.

Bloom, Anna Elizabeth, . . .	L	Menasha.	11 B. C.
Bloom, Anabel Clara,	C	Menasha.	11 B. C.
Clawson, Arthur Brooks, . . .	S	Dartford.	Miss Harris's.
Davies, Howell David,	C	Oshkosh.	27 M. C.
Davis, Eva Floy,	L	Ripon.	Mrs. Davis's.
Denison, John Pierpont, . . .	S	Hartford.	Miss Bessett's.
Dysart, Joseph Clarence, . . .	S	Ripon.	Mr. Dysart's.
Edleblute, Lucius Aaron, . . .	C	Sheboygan.	12 W. C.
Hargrave, Robert Oliver, . . .	S	Ripon.	Mr. Hargrave's.
Jones, David Breese,	C	Cambria.	34 M. C.
Koehler, Albert,	C	Bangor.	10 W. C.
Lamb, William Ash,	S	Ladoga.	34 M. C.
Leonard, Morgan Eastman, . .	S	Royalton.	Mrs. Tracy's.
McDermid, Jessie,	C	Ripon.	Mrs. McDermid's.
Merrell, Julia Hosford, . . .	L	Ripon.	Prof. Merrell's.
Morse, Caroline Madge,	C	Princeton.	19 M. C.
Newschwander, Edgar Storrs, .	C	Green Bay.	17 M. C.
Priest, Sadie Alice,	S	Princeton.	21 B. C.
Reed, Florence,	L	Ripon.	Mr. Reed's.
Stewart, James Russel,	S	Barrie, Ont.	17 M. C.
Thayer, Annie Rosetta,	L	Ripon.	Mr. Thayer's.
Vandervelde, Conrad,	C	Brandon.	4 W. C.
Wiesender, Arthur James, . . .	S	Dartford.	Miss Harris's.
Wilcoxson, May Ellen,	C	Chicago, Ill.	Prof. Marsh's.

—24

PREPARATORY SCHOOL.

SENIOR CLASS.

Bruins, Frank John,	C	Brandon.
Candlish, William Norman, . . .	S	Rosendale.
Hagopian, Hohvan,	L	Van, Armenia.
Hill, May Brainard,	S	Rosendale.
Holbrook, Charles William, . . .	S	Union City, Mich.
Jackson, Frank Alonzo,	S	Dartford.
Merrell, George Clark,	C	Ripon.
Powell, John Abbott,	S	Rosendale.
Sanford, Nellie Dora,	C	Ripon.
Saunier, Claude Eugene,	L	Duluth.
Scholes, Bonnie Elizabeth, . . .	L	Dartford.
Scholes, Samuel Ray,	S	Dartford.
Scribner, John Edwin,	S	Rosendale.
Skidmore, Lewis Herbert,	C	Stockbridge.
Thompson, William Hill,	S	Rosendale.
Utter, Gertrude Mary,	S	Trempeleau.

—16

SENIOR MIDDLE CLASS.

Cross, George Edgar,	C	Omro.
Everhard, Frank Taggart,	S	Volga, S. D.
Gifford, Burtus Seneca,	C	Fond du Lac.
Hargrave, Josephine Ruth,	L	Ripon.
Hargrave, Mary Bertha,	L	Ripon.
Hoyt, Katherine Louise,	L	Rosendale.
Kidder, Hattie Louise,	L	Ripon.
McDermid, Archibald,	S	Ripon.
Martin, Arthur Newton,	C	Alexis, Ill.
Merrell, Lilian Clendening, . . .	C	Ripon.
Mitchell, Hattie Ethel,	L	Ripon.
Morse, Cora Eugenie,	L	Ripon.
Morse, Thomas Countryman, . . .	S	Princeton.
Newcomb, Morton Mayne,	C	Beloit.
Rawson, John Rufus,	S	Princeton.
Vandervelde, Bert,	C	Brandon.
Volk, Fred Eugene,	S	Gillett.

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JUNIOR MIDDLE CLASS.

Dewey, Alice Myrtle,	Poysippi.
Dexter, John Smith,	Ripon.

Dexter, Martha Torrey,	Ripon.
Kidder, Samuel Theodore, Jr.,	Ripon.
Ely, Mary Margaret,	Pewaukee.
Fenelon, Daisy Eleen,	Ripon.
Hodge, Edith Elizabeth,	Waunakee.
Musser, Clifton John,	Beloit.
Pinch, Jenner Alfred,	West Rosendale.
Price, Thomas,	Randolph.
Rawson, Kathryn May,	Princeton.
Thomas, Harry Rogers,	Wild Rose.
Wilson, Lyndon F.,	Rush Lake.

—13

JUNIOR CLASS.

Akin, Howard Marston,	Willow River, Minn.
Dexter, Emily Smith,	Ripon.
Ewald, Harry Herman,	West Rosendale.
Hemp, Bernard Ford,	Waukau.
Kidder, Charles Joseph,	Ripon.
Laack, Julius August,	Plymouth.
Matthews, Hattie Lillian,	Poysippi.
Merrell, Edna Huntington,	Ripon.
Newcomb, Nellie Lathem,	Beloit.
Williams, Robert,	Llangernyw, N. Wales.

—10

UNCLASSIFIED.

Anderson, Benjamin Lee,	Poysippi.
Chittenden, Jennie Ethel,	Ripon.
Haseltine, Adelaide Norton,	Ripon.
Johnson, Jennie Blanche,	Tomahawk.
Kutchin, Victor Sherwood,	Dartford.
Mugridge, Perry Wells,	Ripon.
Newcomb, Maron Watson,	Beloit.
Reichmuth, Clotilda Margaret,	Ripon.
Roberts, Mary,	Wild Rose.
Smith, Elsie May,	Suamico.

—10

CONSERVATORY OF MUSIC.

[NOTE :—Names marked with † designate students pursuing studies in
other departments.]

Armstrong, Mabel H.,	Brandon.
Bailey, Mildred,	Ripon.
Chandler, E. Maude,	Ladoga.
Clapp, Florence E.,	Ripon.
Cody, Nellie M., †	Ripon.
Cuykendall, Helen M.,	Ripon.
Dakin, Gaywood,	Ripon.
Davis, William R., †	Randolph.
Davison, Pearl,	Ripon.
Davison, Percy,	Ripon.
Dean, Helen M.,	Briggsville.
Dickson, Jessie,	Waupun.
Dunning, Florence,	Brandon.
Dysart, Carrie L.,	Ripon.
Goodell, Lilian E.,	Berlin.
Hamley, Mabel E.,	Rosendale.
Hammond, Maude L.,	Merrill.
Hawks, Edith,	Westfield.
Herrick, Harriet E.,	Ripon.
Herron, May B.,	Ripon.
Hinman, Inez,	Marshfield.
Holbrook, David H., †	Union City, Mich.
Johnson, Helen,	Waupun.
Johnson, Jennie B., †	Tomahawk.
Kidder, Samuel T., †	Ripon.
Lueck, Frank,	Ripon.
Moffatt, Fannie E.,	Poysippi.
Morgan, Hannah E.,	Pickett.

Mueller, Elza A.,	Ripon.
Nohr, Lillian,	Ripon.
Pallister, Leona F.,	Brandon.
Priest, Sadie A.,†	Princeton.
Reed, Florence,†	Ripon.
Roberts, Mary,†	Wild Rose.
Safford, Ernestine S.,	Blair.
Saunier, Claude E.,†	Duluth, Minn.
Simmons, Florence A.,	Ripon.
VanKirk, Mabel,	Koro.
Wiesender, Cora M.,	Dartford.
Wiesender, Emma,	Dartford.
Whole number taking music,	—40
Number taking music only,	—31

PAINTING AND DRAWING.

Ayer, Arlouine,†	Clymer, N. Y.
Beebe, Josie B.,†	Princeton.
Clark, Lotta E.,†	Ripon.
Cole, Ada F.,	Dartford.
Cody, Nellie M.,†	Ripon.
Dakin, Clara,	Ripon.
Decker, Irmengarde,	Embarrass.
Edwards, Hugh J.,†	Cambria.
Ely, M. Margaret,†	Pewaukee.
Flagg, Rowley S.,	Ripon.
Hall, Jennie,†	Ripon.
Hall, Mary P.,†	Ripon.
Hill, May B.,†	Rosendale.
Hoyt, Katherine L.,†	Rosendale.
Jackson, Frank J.,†	Dartford.
Kidder, H. Louise,†	Ripon.
Marsh, C. Wilder,	Ripon.
Marsh, Hadleigh,	Ripon.
Mitchell, M. Corinne,†	Ripon.
Mitchell, S. Clyde,	Ripon.
Morse, Thomas C.,†	Princeton.
Older, Margaret A.,†	Ripon.
Powell, John A.,†	Rosendale.
Rawson, John R.,†	Princeton.
Saunier, Claude E.,†	Duluth, Minn.
Scholes, L. Ray,†	Dartford.
Scribner, John E.,†	Rosendale.
Thomas, Margaret,	Ripon.
Thompson, William H.,†	Rosendale.
Tracy, Dorothy,	Ripon.
Volk, Fred E.,†	Gillett.
Walker, Ruth L.,	Princeton.
Wilkes, Florence E.,	Metomen.

Whole number taking painting or drawing, . . . —33
 Number taking painting or drawing only, . . . —11

SUMMARY.

	Gentlemen.	Ladies.	Total.
COLLEGE—			— 66
Seniors,	12	10	22
Juniors,	3	3	6
Sophomores,	8	6	14
Freshmen,	14	10	24
PREPARATORY SCHOOL—			— 66
Senior Class,	12	4	16
Senior Middle Class,	10	7	17
Junior Middle Class,	7	6	13
Junior Class,	6	4	10
Unclassified Students,	4	6	10
CONSERVATORY OF MUSIC—	7	33	40— 40
SCHOOL OF DRAWING AND PAINTING—	13	20	33— 33
	—	—	—
	96	109	205
Deducting those twice reckoned,	14	16	30
	—	—	—
Corrected Total,	82	93	175

PRIZES AWARDED.

JAMES, ENGLISH COMPOSITION.

JUNIORS.

First Prize, William Resse Davis.
Second Prize, Hugh Jones Edwards.
Third Prize, Lotta Elizabeth Clark.

SOPHOMORES.

First Prize, David Helm Holbrook.
Second Prize, David Olson.
Third Prize, Wanda Laura Nohl.

FRESHMEN.

First Prize, Margaret Agnes Abel.
Second Prize, Jolana Belle Cate.
Third Prize, Flora Lucina Clawson.

LEWIS, BIOLOGY.

Prize, John Pierpont Denison.
Honorable Mention, Clement Campbell Blakely.

CLASS OF 1896, DECLAMATION.

Prize, Grace Margaret Collins.

POLITICAL ECONOMY.

First Prize, George Edwin Farnam.
Second Prize, Hugh Jones Edwards.
Third Prize, Sarah Clyde Mitchell.

MATHEMATICS.

Sophomore, Jennie Hall.
Freshman, Edith Beatrice Chandler.

ACCREDITED SCHOOLS.

Graduates of the following schools whose courses of study have been approved by the Faculty after inspection, are admitted to the Freshman class without examination. Students entering from approved schools having courses of study which do not meet the full requirements for admission to the Freshman class will be credited with all work satisfactorily done.

FOR ALL COURSES.

SCHOOL.	PRINCIPAL.
Appleton, Third District, . . .	W. F. Winsey.
Appleton, Ryan,	R. W. Pringle.
Ashland,	L. R. Burns.
Beaver Dam,	H. B. Hubbell.
Berlin,	G. H. Landgraf.
Bessemer, Mich.,	Laura J. Haggart.
Burlington,	W. H. Hickok.
Calumet, Mich.,	Florence Sanborn.
Carroll College, Waukesha, . .	Pres. W. L. Rankin.
Clinton,	R. E. Loveland.
Clintonville,	J. M. Bold.
Columbus,	M. H. Jackson.
Delavan,	C. W. Rittenburg.
DePere,	F. J. Wells.
Elkhorn,	T. J. Jones.
Escanaba, Mich.,	Jessie M. Shepherd.
Fond du Lac,	Elizabeth Waters.
Green Bay, East Side,	William O. Brown.
Green Bay, West Side,	H. Hendrickson.
Grand Rapids,	G. T. Blynd.
Horicon,	P. J. Zimmers.
Houghton, Mich.,	R. H. Kirtland.
Ironwood, Mich.,	J. E. Butler.
Ishpeming, Mich.,	J. E. NeCollins.
Janesville,	D. D. Mayne.
Jefferson,	H. L. Van Dusen.
Kaukauna,	A. M. Olson.
Kenosha,	E. C. Wiswall.
LaCrosse,	W. R. Hemmenway.
Marinette,	R. P. Redfield.
Marshfield,	J. B. Borden.

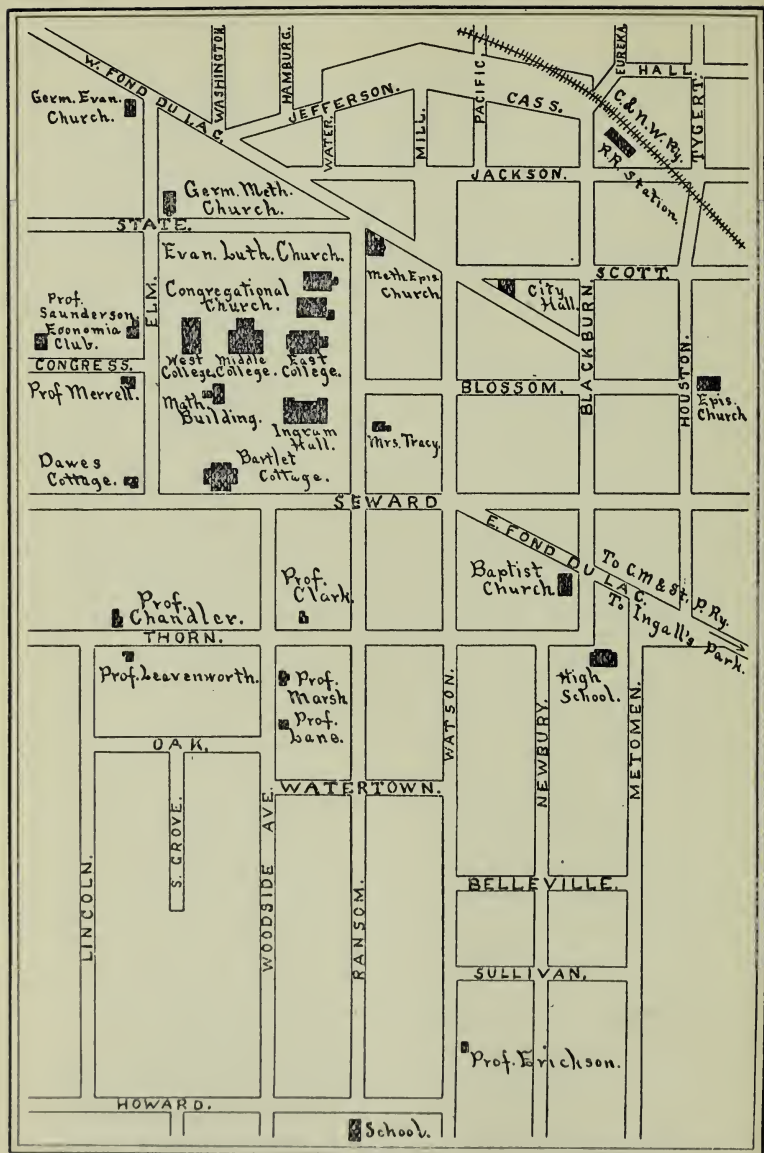
Menasha,	A. B. O'Neil.
Milwaukee, East Division, . .	A. J. Rogers.
Milwaukee, South Division, . .	Arthur Burch.
Milwaukee, West Division, . .	Chas. E. McLenegan.
Negaunee, Mich.,	Homer J. Webster.
Neenah,	O. J. Schuster.
Norway, Mich.,	Mary B. Hubbard.
Oconomowoc,	M. M. Beddall.
Oshkosh,	H. A. Simonds.
Plymouth,	Otto Gaffron.
Portage,	W. G. Clough.
Racine,	Eugene C. Crosby.
Randolph,	E. W. McCrary.
Rhineland,	F. A. Lowell.
Ripon,	V. A. Suydam.
Shawano,	J. Leidenberg.
Sheboygan,	John S. Roeseler.
Sparta,	F. E. Doty.
Stevens Point,	J. W. Simmons.
Tomah,	Chas. H. Maxson.
Viroqua,	S. E. Pearson.
Waukesha,	H. L. Terry.
Waupaca,	C. R. Showalter.
Waupun,	G. F. Loomis.
Wausau,	C. C. Parlin.
Wauwatosa,	E. C. Cornelius.
West De Pere,	Gunlaf Guthormsen.

FOR LITERARY AND SCIENTIFIC COURSES.

Gladstone, Mich.,	J. H. McDonald.
Mauston,	A. H. Fletcher.
New Lisbon,	C. R. Thompson.
New London,	Taylor Frye.
Omro,	E. E. Sheldon.
Seymour,	Fred W. Axley.
Sharon,	E. T. Towne.
West Bend,	D. F. Keeley.

SCHOOLS ACCREDITED TO PREPARATORY COURSES.

Hartford,	Thos. R. Lloyd-Jones.
Mukwonago,	Frank Vande Walker.
Oakfield,	B. W. Bridgman.
Rosendale,	Alice M. Tetherly.
South Milwaukee,	Frank Kelley.



LOCATION OF THE RIPON COLLEGE BUILDINGS.

ALUMNI ASSOCIATIONS.

THE SOCIETY OF ALUMNI.

FOUNDED IN 1873.

President,	GEORGE C. DUFFIE,	Ripon.
Vice-President,	FRED L. SELDEN,	Milwaukee.
Secretary,	LUTHER DAVIES,	Oshkosh.
Treasurer,	SARAH E. SCRIBNER,	Ripon.

CHICAGO ASSOCIATION.

FOUNDED IN 1901.

President,	FREDERICK A. DAWES.
Vice-President,	EDWARD T. MERRELL.
Secretary,	ANNA R. HAIRE.
Treasurer,	WILTON B. JUDD.
Historian,	MARGARET (BOOKER) DAWES.

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Ripon College Bulletin No. 3

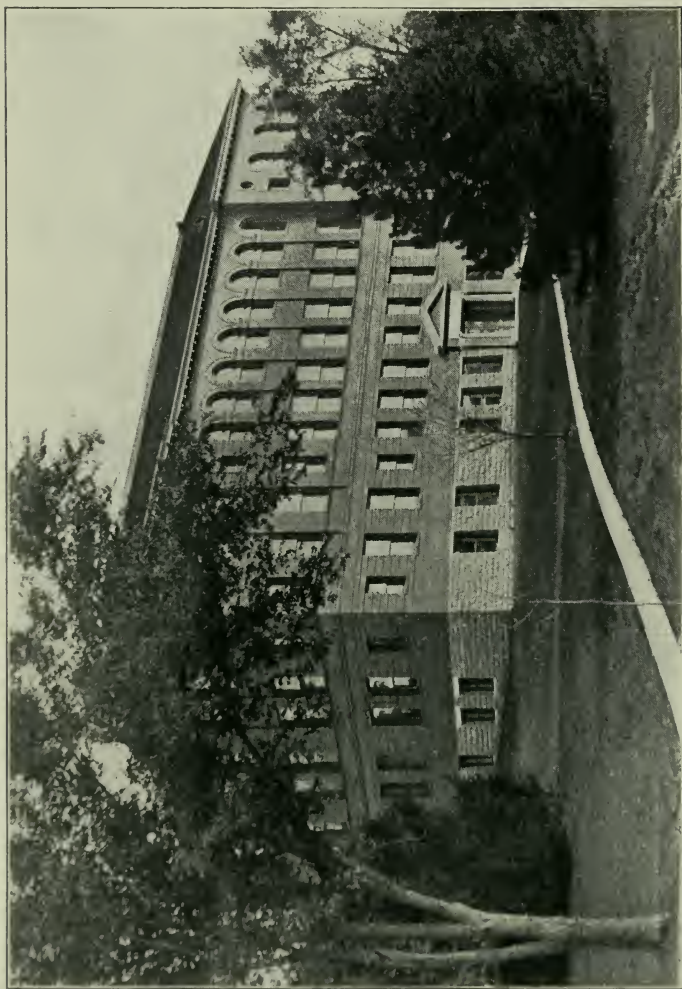
CATALOGUE

RIPON COLLEGE

1901-1902

Published Quarterly by Ripon College
November 1901

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CATALOGUE.

RIPON COLLEGE.

RIPON, WISCONSIN.

1901-1902.

RIPON, WIS.
C. H. ELLSWORTH, PRINTER.
1901

E. S. 1

CALENDAR.

1902.

January 8.	Wednesday.	Registration for Winter Term.
January 30.	Thursday.	Day of Prayer for Colleges.
March 25.	Tuesday.	Winter Term ends.
April 2.	Wednesday.	Registration for Spring Term.
April 12.	Saturday.	Last day for presentation of James Prize Essays.
June 20.	Friday.	Senior Preparatory Exhibition.
June 21.	Saturday.	Recital of Conservatory of Music.
June 22.	Sunday.	Baccalaureate Sermon.
June 22.	Sunday.	Address before the Christian Societies.
June 23.	Monday.	Annual Meeting of the Board of Trustees.
June 25.	Wednesday.	Thirty-sixth Annual Commencement.
Sept. 24.	Wednesday.	Registration for Fall Term.
Nov. 27.	Thursday.	Thanksgiving Recess. Thursday to Saturday.
Dec. 23.	Tuesday.	Fall Term ends.

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EDITH CLARA EDWARDS,

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HISTORICAL STATEMENT.

The original act of incorporation of Ripon, (then Brockway), College was approved January 29, 1851, and work was begun on the first building in the spring of the same year.

The school was first opened for instruction on June 1, 1853, under the charge of Rev. J. W. Walcott, who assumed control at the request of the Winnebago District Convention of Presbyterian and Congregational churches.

On February 21, 1857, Mr. Walcott deeded the college property to a Board of Trustees, in part nominated by the Winnebago Convention. The property conveyed by this deed included the campus of nine acres, since enlarged by the purchase of about two additional acres, and the old East building. A new dormitory, the present Middle College, was ready for use in the autumn of 1858, but was not fully completed till the summer of 1863.

On September 10, 1861, the buildings and grounds of the college were let to the Government to be occupied by the First Regiment of Wisconsin Cavalry. Mrs. Tracy, however, occupied rooms in the dormitory building and taught a school on her own account. The school was reopened in September, 1862, Mr. E. H. Merrell, Principal.

The history of Ripon College, as such, begins in 1863, and covers the administration of three presidents: Rev. William Edward Merri-
man, D. D., 1863-1876; Rev. Edward Huntington Merrell, D. D., LL. D.,
1876-1891; Rev. Rufus Cushman Flagg, D. D., 1892-1901.

The appointment, on April 23, 1863, of Rev. William E. Merriman to the Presidency of the college marked an epoch in its history. East and Middle colleges were both completed and furnished within the year, and were well filled with students; "both mortgages on the college property were paid up and satisfied;" the name of the college was changed from "Brockway" to "Ripon," and in this year, 1863-4, the first college work was done. During the summer of 1867 the West College was built to accommodate the increasing number of students.

In 1868, the College received the endorsement of the general convention of the Congregational churches of the State, and the Collegiate Society accepted Ripon College as one of its beneficiaries and aided in securing, at the East, \$50,000 for endowment. This action brought the Institution recognition in the fraternity of colleges and from this time its financial condition began to improve rapidly.

The endowment fund has been augmented from time to time by substantial gifts, notably, a part in the famous Erwin estate; a gift from Mrs. Valeria G. Stone, of Malden, Mass.; a legacy left the college by the will of Mrs. Helen C. Knowles, of Worcester, Mass., who died in 1884; and the gift of valuable property in Milwaukee, given by the Hon. Edward D. Holton of that city.

At the same time important additions were being made to the buildings and equipment. The Chemical Laboratory and Transit House annexed were erected in 1876. In rapid succession came the reconstruction of East College, the erection of Bartlett Cottage, the acquisition of Dawes Cottage and Ingalls Park, the college athletic field, and lastly the Ingram Hall of Science, erected in 1900.

It is the aim of this Institution to provide for the liberal education of young men and women, and in doing this, to keep its standard fully up to that of the best colleges, and its methods of instruction in harmony with the most enlightened views of education. It also proposes to make the expense of pursuing a course of liberal study as low as is consistent with a high degree of excellence in its results, and thus to keep a liberal education within the reach of young men and women of limited means. It is likewise the earnest purpose of the officers of this Institution to conduct it on distinctly Christian principles, and to have it pervaded with a strong and healthy moral and religious influence. While aiming at the best results of intellectual training, its instructors bear in mind that character is more than these, that the development of character is an essential part of the work of an educational institution, and that there is no sound basis of character except in Christian principle.

ADMISSION.

All applicants for admission to the Freshman class must furnish satisfactory evidence, either by examination or by a certificate from an approved High School or Academy, of having completed the requisite amount of preparatory study.

A full description of such courses will be found in the Preparatory Conspectus and the succeeding description of courses. The amount of work required and the most advantageous division of it among the several departments is shown in the following summary :

CLASSICAL.	LITERARY.	SCIENTIFIC.
English, 26	English, 26	English, 26
Mathematics, . . 30	Mathematics, . . 30	Mathematics, . . 30
Science, 25	Science, 25	Science, 25
History and Civics, 20	History and Civics, 30	History and Civics, 30
Latin, 45	Latin, 45	Latin, 40
Greek, 30	French, 15	French, 15
French or German, 10	German, 15	German, 15
		Drawing, 5
<hr/> 186	<hr/> 186	<hr/> 186

A daily exercise of one hour during a term of twelve weeks in the Preparatory School of the College, or an equivalent amount of work done elsewhere, is here reckoned as five units of admission credit.

Students, who are able to meet the standard requirement of 186 admission units, but are not exactly prepared for the course which they desire to enter, may profit by the following provision :

Any excess above the requirements in one department will be accepted as compensating for an equal deficiency in another department, but defects of such a character as to prevent successful work in required college studies are to be remedied by taking the necessary studies early in the college course. Credit will be given for such work in the place of college electives, taking into account the difference in value between a preparatory study (five credits) and a college study (ten credits).

Any college work satisfactorily evidenced, and presented for admission, will be credited in admission units at the increased value of college units. But preparatory work in excess will not be credited in college units unless it is the same in character, and amount as that for which it is credited.

Students proposing to follow the Scientific Course are earnestly recommended to prepare as shown above, but they will be allowed to substitute other satisfactory work for a portion of the Latin, presenting only thirty units in that language, without being required to supply the deficiency by later work. If there is a sufficient number of students who do not offer Latin for admission but wish to enter the Literary Course, or of those who do not offer Greek but wish to enter the Classical Course, special classes will be formed in which the preparatory work will be completed in less time than is required for students of less maturity.

After adjustments have been made as stated, conditions to be taken by extra work are not allowed in excess of twenty admission units.

A list of accredited schools will be found on the last pages of this catalogue.

INSTRUCTION.

The College provides three parallel courses of instruction leading to the Bachelor's degree, each of which is systematically arranged and presents a central line of study.

Course I, Classical, gives the central place to the ancient languages, while giving opportunity for personal preferences in a liberal choice of electives.

Course II, Literary, includes the Latin of Course I, but substitutes the modern languages for Greek.

Course III, Scientific, requires only so much of languages other than English as is needed for successful work in the natural and physical sciences, which with mathematics characterize this course.

COURSES.

I. CLASSICAL.	II. LITERARY.	III. SCIENTIFIC.
Latin, 30	Latin, 30	English, 42
Greek, 30	French, 30	Mathematics, . . 30
Mathematics, . . 20	German, 30	Natural Science, 30
English, 42	Mathematics, . . 20	Physical Science, 50
History and } . 20	English, 42	History and } . 20
Economics, } . 20	History and } . 20	Economics, } . 20
Natural Science, 10	Economics, } . 20	Philosophy, . . . 20
Physical Science, 30	Natural Science, 10	Bible and Ethics, 20
Philosophy, . . . 20	Physical Science, 20	Electives, 160
Bible and Ethics, 20	Philosophy, . . . 20	
Electives, 150	Bible and Ethics, 20	
	Electives, 130	
<hr/> 372	<hr/> 372	<hr/> 372

A daily exercise of one hour in recitation or of two hours in laboratory work during one term gives ten college units of credit. 372 college units, in addition to 186 admission units as defined in the requirements for admission, are required for graduation.

Except when irregularities in preparation make some deviation advisable, students will conform their work to the following conspectus, taking the required studies as assigned, and previous to elective courses which may require greater maturity. Careful attention to the hours assigned to each exercise is necessary, when planning a line of work, in order that the choice of desired electives may not be made impracticable by conflicting hours.

CONSPECTUS OF COURSES.

I. CLASSICAL COURSE.

FRESHMAN YEAR.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Latin I.	10	Latin II.	10	Latin III.	9
Greek I.	2	Greek II.	2	Greek III.	3
Mathematics I.	8	Mathematics II.	8	Mathematics III. or Biology IV.	8 †10

SOPHOMORE YEAR.

Bible I.	8	Political Science I.	3	English I.	3
Chemistry I.	†2	Physics I.	9	Physics II.	8
				Biology IV.†	†10

JUNIOR YEAR.

English II.	8	Philosophy I.	9	Philosophy II.	9
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SENIOR YEAR.

Philosophy V.	9
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Each of the required courses presented above gives ten college units of credit. A weekly exercise in English (Course X) giving two units per term is also required except during the spring term of Senior year.

Sufficient electives are to be taken from the list offered upon the opposite page to make with the required courses 32 units in each term except the spring term of the Senior year for which only 20 units are required.

At least 30 units are to be taken from the electives in the ancient languages, and 10 from the group of History or of Economics.

The Roman numerals following any course give its number in the succeeding description, and the Arabic numerals the hour of the class exercise.

† Requires two hours daily.

‡ If not taken in Freshman year.

CONSPECTUS OF COURSES.

I. CLASSICAL COURSE.

ELECTIVES.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Latin IV.	11	Latin VI.	2	Latin VIII.	2
Latin V.	11	Latin VII.	2	Latin IX.	2
Latin X.*	3	Greek V.	10	Greek VI.	10
Latin XI.*	3	Greek VIII.	10	Greek IX.	10
Greek IV.	10	French II.	2	Greek XII.*	11
Greek VII.	10	German II.	10	French III.	2
Greek XI.*	3	English III.	8	German III.	10
French I.	2	English IV.	8	English IX.*	2
German I.	9	English V.	11	Mathematics III.	8
English VII.*	3	English VI.	11	Mathematics VI.	10
English VIII.*	3	Mathematics V.	11	Mathematics XII*	2
Mathematics VI.	† 2	Mathematics X.*	2	Mathematics XIII.*	2
Mathematics VII.*	11	Mathematics XI.*	2	Biology III.	† 9
Mathematics VIII.*	11	Biology II.	†10	Chemistry III.	† 2
Mathematics IX.*	11	Biology VII.	†11	Chemistry VI.*	† 2
Biology V.	†10	Chemistry II.	† 2	Physics II.	8
Biology VI.	†11	Mineralogy.*	† 2	Geology.	8
Chemistry IV.	† 2	Astronomy.	10	Philosophy III.	8
Chemistry V.*	† 2	Philosophy IV.	8	Philosophy VIII.	3
Physics III.	†10	Economics II.	2	History II.	2
Philosophy VI.*	10	History I.	3	Music IV.*	
Philosophy VII.*	10	Bible II.	11	Music V.*	
Political Science II.	3	Music III.*			
Economics I.	2	Music IV.*			
Music I.*					
Music II.*					

Any elective may be withdrawn for any term in which it has not been elected by a sufficient number of students to make the formation of a class desirable.

*Gives only five units of credit.

†Requires two hours daily.

CONSPECTUS OF COURSES.

II. LITERARY COURSE.

FRESHMAN YEAR.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Latin I.	10	Latin II.	10	Latin III.	9
French I.	2	French II.	2	French III.	2
Mathematics I.	8	Mathematics II.	8	Mathematics III.	8
				or Biology IV.	†10

SOPHOMORE YEAR.

German I.	9	German II.	10	German III.	10
Chemistry I.	† 2	Physics I.	9	English I.	3
Bible I.	8			Biology IV.‡	†10

JUNIOR YEAR.

English II.	8	Philosophy I.	9	Philosophy II.	9
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SENIOR YEAR.

Philosophy V.	9
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Each of the required courses presented above gives ten college units of credit. A weekly exercise in English (Course X) giving two units per term is also required except during the spring term of Senior year.

Sufficient electives are to be taken from the list offered upon the opposite page to make with the required courses 32 units in each term except the spring term of the Senior year for which only 20 units are required.

At least 20 units are to be taken from the groups of History and Economics.

The Roman numerals following any course give its number in the succeeding description, and the Arabic numerals the hour of the class exercise.

† Requires two hours daily.

‡ If not taken in the Freshman year.

CONSPECTUS OF COURSES.

II. LITERARY COURSE.

ELECTIVES.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Latin IV.	11	Latin VI.	2	Latin VIII.	2
Latin V.	11	Latin VII.	2	Latin IX.	2
Latin X.*	3	Greek X δ .	8	Greek X ϵ .	8
Latin XI.*	3	English III.	8	English IX.*	2
Greek X α .	8	English IV.	8	Mathematics III.	8
English VII.*	3	English V.	11	Mathematics VI.	10
English VIII.*	3	English VI.	11	Mathematics XII*	2
Mathematics VI.	† 2	Mathematics V.	11	Mathematics XIII.*	2
Mathematics VII.*	11	Mathematics X.*	2	Biology III.	† 9
Mathematics VIII.*	11	Mathematics XI.*	2	Chemistry III.	† 2
Mathematics IX.*	11	Biology II.	†10	Chemistry VI.*	† 2
Biology V.	†10	Biology VII.	†11	Physics II.	8
Biology VI.	†11	Chemistry II.	† 2	Geology.	8
Chemistry IV.	† 2	Mineralogy.*	† 2	Philosophy III.	8
Chemistry V.*	† 2	Astronomy.	10	Philosophy VIII.	3
Physics III.	†10	Philosophy IV.	8	History II.	2
Philosophy VI.*	10	Political Science I.	3	Music V.*	
Philosophy VII.*	10	Economics II.	2	Music VI.*	
Political Science II.	3	History I.	3		
Economics I.	2	Bible II.	11		
Music I.*		Music III.*			
Music II.*		Music IV.*			

Any elective may be withdrawn for any term in which it has not been elected by a sufficient number of students to make the formation of a class desirable.

* Gives only five units of credit.

† Requires two hours daily.

CONSPECTUS OF COURSES.

III. SCIENTIFIC COURSE.

FRESHMAN YEAR.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Biology I.	†10	Biology II.	†10	Biology III.	† 9
Chemistry I.	† 2	Chemistry II.	† 2	Chemistry III.	† 2
Mathematics I.	8	Mathematics I.	8	Mathematics III.	8

SOPHOMORE YEAR.

Biology V.	†10	Physics I.	9	Physics II.	9
Bible I.	8	Political Science I.	3	English I.	3

JUNIOR YEAR.

English II.	8	Philosophy I.	9	Philosophy II.	9
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SENIOR YEAR.

Philosophy V.	9
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Each of the required courses presented above gives ten college units of credit. A weekly exercise in English (Course X) giving two units per term is also required except during the spring term of Senior year.

Sufficient electives are to be taken from the list offered upon the opposite page to make with the required courses 32 units in each term except the spring term of the Senior year for which only 20 units are required.

Enough courses in Science and Mathematics are to be elected to make with the required courses in these groups not less than 150 units. At least 10 units are to be taken from the group of History or of Economics.

The Roman numerals following any course give its number in the succeeding description, and the Arabic numerals the hour of the class exercise.

† Requires two hours daily.

CONSPECTUS OF COURSES.

III. SCIENTIFIC COURSE.

ELECTIVES.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Latin I.	10	Latin II.	10	Latin III.	9
Latin IV.	11	Latin VI.	2	Latin VIII.	2
Latin V.	11	Latin VII.	2	Latin IX.	2
Latin X.*	3	French II.	2	French III.	2
Latin XI.*	3	German II.	10	German III.	10
French I.	2	English III.	8	English IX.*	2
German I.	9	English IV.	8	Mathematics VI.	10
English VII.*	3	English V.	11	Mathematics XII.*	2
English VIII.*	3	English VI.	11	Mathematics XIII.*	2
Mathematics VI.	† 2	Mathematics V.	11	Geology.	8
Mathematics VII.*	11	Mathematics X.*	2	Chemistry VI.*	† 2
Mathematics VIII.*	11	Mathematics XI.*	2	Philosophy III.	8
Mathematics IX.*	11	Biology VII.	†11	Philosophy VIII.	3
Biology VI.	†11	Biology VIII.	† 8	History II.	2
Chemistry IV.	† 2	Biology IX.	†11	Music V.*	
Chemistry V.*	† 2	Mineralogy.*	† 2	Music VI.*	
Physics III.	†10	Astronomy.	10		
Philosophy VI.*	10	Philosophy IV.	8		
Philosophy VII.*	10	Economics II.	2		
Political Science II.	3	History I.	3		
Economics I.	2	Bible II.	11		
Music I.*		Music III.*			
Music II.*		Music IV.*			

Any elective may be withdrawn for any term in which it has not been elected by a sufficient number of students to make the formation of a class desirable.

* Gives only five units of credit.

† Requires two hours daily.

COURSES OF INSTRUCTION.

PHILOSOPHY.

I. **PSYCHOLOGY** *a*. Five hours in the winter term. Required of all Juniors.

II. **PSYCHOLOGY** *b*. Five hours in the spring term, and also required of all Juniors.

The courses in Psychology embrace such a systematic study of mental phenomena as to prepare the student for an intelligent pursuit of Philosophy proper, and a clear apprehension of the principles of Ethics, Logic, and Aesthetics. Particular attention is given to the investigation of the facts of the sensibility, and to the phenomena and laws of the will. The first course is based on Porter's *Elements of Intellectual Science*, with James's *Psychology*, and Dewey's *Psychology* for books of reference. The second course is given wholly by lectures.

III. **HISTORY OF PHILOSOPHY**. In this course the leading systems of philosophical thought are studied in outline, beginning with the Greek philosophies, and their historical connections and dependencies are carefully indicated. Critical work is required with the aim of discovering the nature and limits of human knowledge. Weber's *History of Philosophy* is used as a text-book. Five hours in the spring term. Elective.

IV. **THEISM, AND THE LOGIC OF CHRISTIAN EVIDENCES**. In this course the grounds of theistic belief are studied, and particular attention is given to the principal antitheistic theories. Attention is directed to the logic of Christian evidences, with the purpose of exhibiting the fact that the acceptance of the facts of the Christian system are proved by the same laws that govern the mind in reaching the conclusions in all of the inductive sciences. Fisher's *The Grounds of Theistic and Christian Belief*, Wright's *The Logic of Christian Evidences*, and Wright's *Scientific Aspects of Christian Evidence*, are used as text-books and books of reference. Five hours during the winter term. Elective.

V. **ETHICS.** This course is studied under two divisions. In the first the philosophical grounds are discussed, and the various systems are compared and criticised. In the second division the principles established in the first are applied to the specific problems of government, rights, and duties. Fairchild's *Moral Science* is used as a text-book. Fall term. Five hours.

VI. **LOGIC.** In this course not only are the forms of reasoning expounded, but the laws are so explained as to teach the pupil the principles and methods of sound thinking. The close relation of this branch to Rhetoric is kept constantly in mind, and the student is guided to an effective command of his powers as a writer and speaker. Minto's *Logic Inductive and Deductive* is used as a text-book. Three hours during the fall term. Elective.

VII. **AESTHETICS.** The course in Aesthetics considers art as an expression of feeling, the formal conditions of art expression, art as the expression of beauty, and a particular study of the arts of form. Brown's *The Fine Arts* is used as the leading text-book. Two hours during the fall term. Elective.

VIII. **PEDAGOGY.** In the courses in Psychology frequent reference is made in a practical way to pedagogical principles as the different phenomena under consideration suggest them; but in the special course the topics are selected and arranged with special reference to the equipment of teachers for their work in the school room. The teacher, the school, discipline, examining, the school building and the care of it, the method of teaching the various studies, the correlation of studies, and similar subjects of everyday importance to the teacher in his work are studied in detail. The instruction is based upon Fitch's lectures on teaching, The Report of the Committee of Fifteen on The Correlation of Elementary Branches, Safford's *Mathematical Teaching*, Quick's *Educational Reformers*, and Redway's *Manual of Teaching Geography*. Five hours during the spring term.

BIBLE.

I. **NEW TESTAMENT *a*.** A study of the teachings of the New Testament on the great themes of revelation. Steven's *The Theology of the New Testament* is used as a text-book. Five hours in the fall term.

II. **NEW TESTAMENT *b*.** In this course instruction is given concerning the origin and history of the New Testament writings. The books are studied chiefly as distinct wholes, and then attention is given to the process by which they are gathered into one collection. The history of the times is also brought under review. Five hours. Winter term. Elective.

POLITICAL SCIENCE AND ECONOMICS.

I. CONSTITUTIONAL LAW. The class is made familiar with the principles of government by a comparative study in detail of the typical forms now existing. Burgess' Political Science and Constitutional Law is used as a text-book. Five hours in the winter term.

II. ELEMENTARY LAW. The elementary principles and doctrines of law are studied in their logical and practical connections with each other, affording the student a knowledge of the scope of the science, and preparing him for a mastery of the details in subsequent investigations. Robinson's Elementary Law is used as text-book. Five hours in the fall term. Elective.

III. ECONOMICS *a*. The aim of this course is to put the student in possession of the elementary and most firmly established principles of the science of Political Economy, and to prepare him for independent investigations in regard to all industrial questions. Walker's Political Economy is used as a text-book, with Mill, Jevons, and other authors for reference. Five hours in the fall term. Elective.

IV. ECONOMICS *b*. Intended to give the student a wider knowledge of economic laws than was possible in course "a." Five hours in the winter term. Elective.

HISTORY.

I. ENGLISH HISTORY. The text-book in this course is Green's Shorter History of the English People. The work is supplemented by lectures. Five hours in the winter term. Elective.

II. UNITED STATES HISTORY. Lectures and topical reports on required reading. McLaughlin's Epochs of American History serves as a basis for the work. [Given in fall term 1900.] Spring term. Elective.

MATHEMATICS.

I. ALGEBRA. Functions and limits, derivatives, series, logarithms, permutations and combinations, probabilities, theory of equations. (Taylor's College Algebra, Second Part.) Required of Freshmen in all courses. Fall term.

II. TRIGONOMETRY. An elementary course with applications. Plane and Spherical. (Wells.) Required of Freshmen in all courses. Winter term.

III. ANALYTIC GEOMETRY. Plane, with some attention to Higher Plane Curves. (Hardy.) Required of Freshmen in the Scientific Course. Spring term.

IV. CALCULUS. An elementary course in Differential and Integral Calculus, with geometrical and physical applications. (Taylor.) Winter term.

V. CALCULUS. A continuation of the preceding course with special attention to curve tracing and processes of reduction. Spring term.

VI. SURVEYING. Field practice with compass, level and transit, followed by plotting and calculation of field work. (Hodgman.) Fall term.

Each of the following courses will ordinarily be offered only in alternate years :

VII. DESCRIPTIVE GEOMETRY. A brief course. Problems relating to points, lines, planes, solids and surfaces of revolution. (Faunce.) Fall term.

VIII. DETERMINANTS. (Weld.) Fall term.

IX. PROJECTIVE GEOMETRY. (Reye, Holgate's translation.) Fall term.

X. ANALYTIC MECHANICS. A recitation course with numerous examples. (Bowser.) Winter term.

XI. DIFFERENTIAL EQUATIONS. (Page's Ordinary Differential Equations.) Winter term.

XII. QUATERNIONS. Vector analysis, straight line and plane, conics. (Kelland & Tait.) Spring term.

XIII. THEORY OF FUNCTIONS. (Durege, Fischer & Schwatt's translation.) Spring term.

ASTRONOMY.

DESCRIPTIVE ASTRONOMY. An elementary course presenting the fundamental facts and methods of astronomy. Requires no mathematics beyond elementary trigonometry. (Young's General Astronomy.) Winter term.

BIOLOGY.

I. INVERTEBRATE ZOOLOGY. In this course typical forms of invertebrates are dissected, notes taken, and sketches made of the results of the work. Such forms are used as the star-fish, earth-worm, cray-fish, mussel, etc. An attempt is made in this term to familiarize students with the laboratory methods, and thus furnish a foundation for the further work in the department of biology. A course of lectures is given on the classification of animals. Two hours daily in the fall term of Freshman year.

II. VERTEBRATE ANATOMY. The work of this course is based upon a detailed dissection of the cat. Other material is brought in to illustrate the anatomy of the special organs, but nearly the whole time is occupied with the work upon the cat. This is intended to be a thorough introduction to the comparative anatomy of vertebrates. A course of lectures is given on comparative anatomy. Two hours daily in the winter term. This is open only to students who have taken course I or course IV.

III. BOTANY. Work of this course is based upon the manual issued by Arthur, Barnes and Coulter. The time is largely occupied in a careful study of cryptogamous plants. In addition to the technical knowledge of botany which is obtained by this term's work, it is intended also to serve as an introduction to microscopical technique. A course of lectures is given upon the physiology of plants. Two hours daily in the spring term. This is open to students who have taken courses I and II.

IV. BIOLOGY. This course is required of all students in the classical and literary courses, and is especially adapted to students who have no taste for the study of biology, and yet wish to attain a general knowledge of the science. Typical animals and plants are examined in the laboratory in a somewhat rapid manner. The course is superficial as compared with the work done in the regular science course. Two hours daily in the spring term.

V. HISTOLOGY. The work in this course is based on Schafer's "Essentials of Histology," and it is intended in the course of the work that the student should gain a good general knowledge of animal histology. Special attention is paid to the acquisition of technical skill in preparing tissues, and in making microscopical preparations. Free use is made of a large collection of slides in the laboratory, but the students are required, so far as time will permit, to prepare for themselves the slides which they study. Two hours daily in the fall term. This course is open only to students who have had courses I, II, and III.

VI. EMBRYOLOGY. This is a careful study of the early stages of the embryology of the chick; other animals are used to some extent for comparison. Students make most of their own preparations and work out the subject with the constant use of such books as Minot's "Human Embryology," and Hertwig's "Embryology of Vertebrates." Two hours daily in the fall term. Open to students who have had courses I, II, III, and V.

VII. BACTERIOLOGY. In this course the student is carefully instructed in the ordinary methods of bacteriological research, including the preparation of culture media, isolation of bacteria, and the preparation of pure cultures; this work occupies about one-half of the time of the course. In the latter half some special problem is assigned for work, upon which the student is expected to make a careful report. During the last three or four years, these subjects have been connected with the bacteriological analysis of water. This course is especially adapted to students who expect to take up the study of medicine, and it is recommended that no student should elect it who does not have a large amount of time to spend upon it. Daily during the winter term. It is open to those students who have taken courses I, II, III, and V.

VIII. **PHYSIOLOGY.** This course is intended for students expecting to take up the study of medicine, and the work in physiology is especially adapted to count upon a medical course. This will be offered in the winter terms of alternate years. It will be offered in the winter terms of 1902 and 1904.

IX. **OSTEOLOGY.** This also is a course intended especially for students who wish to take up the study of medicine, and will be taken up in such way as to be accredited against similar work in the medical schools. This will be offered in the winter terms of alternate years, being offered first in the winter of 1903.

Attention should be called to the fact that the full course in biology, as outlined above, corresponds very closely to the ideal course recommended by the faculty of Rush Medical school, for students intending to take up the study of medicine. It should be noticed also that these studies may be accredited as against the studies of medical schools, thus enabling students who intend to take up the study of medicine, to get a credit of between one and two years upon the medical course.

GEOLOGY.

A single term's work is offered in geology in the spring term. The work is largely based upon a text-book with daily recitations. The text-book in use at present is Scott's Introduction to Geology.

CHEMISTRY.

I. **GENERAL CHEMISTRY.** Lectures, recitations and laboratory practice. This course includes a study of the elements of theoretical chemistry and of the non-metallic elements and their compounds. The laboratory work comprises a series of experiments illustrating the principles of stoichiometry, the laws of chemical action and the preparation of such elements and typical compounds as will serve best to show the relation between facts and general principles. Remsen's Inorganic Chemistry.

II. **QUALITATIVE ANALYSIS.** Pre-requisite I. Lectures, recitations and laboratory practice. A study is made of the metallic elements and their compounds, including the metallurgy of the common ores. In the laboratory the reactions of the acids and bases are first studied, followed by their systematic separation and detection in unknown combinations. Leavenworth's Outlines.

III. **QUALITATIVE ANALYSIS, advanced.** Pre-requisite I and II. Laboratory practice. Analyses are made of a large number of alloys, ores, and commercial products. This course includes the elements of blowpipe analysis.

IV. QUANTITATIVE ANALYSIS, inorganic. Pre-requisite I-III. Mostly laboratory practice. This course is devoted to the general principles and practice of volumetric and gravimetric methods of analysis. Cairns' Quantitative Analysis and other texts.

V. ORGANIC CHEMISTRY, elements. Pre-requisite I-III. Lectures, recitations and laboratory practice. Intended as an introduction to the study of the compounds of carbon. Instruction is given on such classes of compounds as the hydrocarbons, alcohols, ethers, organic acids, fats, carbohydrates, etc. Remsen's Organic Chemistry. The laboratory practice covers the preparation of such substances as are included in Orndorf's Manual.

VI. MEDICAL CHEMISTRY. Pre-requisite I-III. Recitations and laboratory practice. *a.* Urinalysis. Chemical and microscopical examination of the normal and abnormal constituents of the urine. Long's Urinalysis. *b.* Toxicology. Devoted to the detection and estimation of the organic and inorganic poisons.

PHYSICS.

I. GENERAL PHYSICS. Recitations and illustrated lectures. The topics for this course are kinematics, dynamics, sound and heat.

II. GENERAL PHYSICS. Course I, continued. Pre-requisite I. Recitations and illustrated lectures. Subjects discussed are light, electricity and magnetism.

III. PHYSICAL MEASUREMENTS. Pre-requisite I and II. Laboratory practice and informal discussions. Devoted to quantitative measurements in physics and is pursued with reference to the work in courses I and II. Sabine's Manual.

GREEK.

I. LYSIAS' ORATIONS. Reading of eight orations accompanied by a careful review of the Attic inflections and syntax. Greek composition. Fall term. Freshman year.

I. *a.* As a background for the study of the language and literature, a course of lectures will be given during the Freshman year on such topics as the land and people of Greece, the Mycenaean age, the city of Athens, the acropolis. The lectures will be fully illustrated by lantern slides and photographs, and in this connection the class will read a standard history of Greece (Botsford).

II. HOMER. Reading from the Odyssey. Study of Homeric poetry and of Homeric life. Winter term. Freshman year.

III. PLATO. The class will read the Apology and Crito and selections dealing with the life of Socrates. Greek Composition. Spring term. Freshman year.

IV. HERODOTUS AND THUCYDIDES. A literary and historical study. The authors will be studied with reference to literary style and historical method. A general study of the history of Athens from the time of the Persian, to the Peloponnesian war, with special study of certain events. Fall term. Elective.

V. ARISTOPHANES. Several plays will be read. Development of Attic Comedy. Life in Athens during the last half of the fifth century. Winter term. Elective.

VI. DEMOSTHENES. On the Crown. Study of the larger problems of the period. Spring term. Elective.

VII. THE DRAMA. The reading of representative dramas. A comparative study of the art of Aeschylus, Sophocles and Euripides. Scenic antiquities. Fall term. Elective.

VIII. ATTIC ORATORS. Selections from the orators preceding Demosthenes. The development of Attic oratory. Athenian legal antiquities. Winter term. Elective.

IX. PLATO AND THE POETS. A study of Greek religious thought with a special study of Plato as its culmination. The class will study in detail the religious ideas of those portions of the Homeric poems and of the dramatists with which they are already familiar and will read selections from Plato, chiefly from the Republic. Informal lectures and discussions throughout the term. Spring term. Elective.

X. ELEMENTARY COURSE. Designed for students who have not taken Greek but find, late in their course, that at least an elementary knowledge of the language is important for their future work. No credit will be given for less than the full year.

XI. NEW TESTAMENT GREEK. Two hours per week in fall term. Elective.

XII. GREEK ART. See Classical Archaeology course II.

CLASSICAL ARCHAEOLOGY AND ANTIQUITIES.

The following courses are intended to supplement the work of the Classical department. They are well illustrated by the use of stereopticon and photographs.

I. General antiquities of Greece. See Greek department, course I a.

II. An outline course in the history of Greek art. The primary object of this course is to familiarize the student with the important remains of ancient art. Spring term.

III. ROME. This course traces the growth of the ancient city from its foundation to the fourth century, and treats in detail of the following portions: Roman Forum; Capitoline, Palatine, and Aventine Hills; Fora of the Empire; Buildings of the Campus Martius;

Triumphal Arches; Thermae; Tombs; and other buildings and monuments of the Ancient City.

IV. ROMAN PRIVATE LIFE. Lectures are given on the following subjects: The Roman name; the organization of the family; marriage and divorce; children—their nature, amusements and education; slaves, freedmen, clients, and hospites; houses—their construction, decoration, furnishing; dress; daily and social life; theatre, circus, amphitheatre, and public baths; writing, manuscripts, and libraries; travel; arts and industries; religion; death and burial.

LATIN.

I. LIVY. Books I and II; or XXI and XXII. Prose composition. Especial attention is given to syntax and to a study of the subjunctive mood. Prose work, based upon the text, continues for about half the term. Books XXI and XXII will be read in 1901. Fall term. Freshman year.

I *a*. TOPOGRAPHY OF ANCIENT ROME. (See Classical Archaeology III.) This course accompanies course I when books I and II of Livy are read. One hour. Fall term. (Omitted in 1901.)

I *b*. ROMAN PRIVATE LIFE. (See Classical Archaeology IV.) This course accompanies I when books XXI and XXII of Livy are read. One hour. Fall term.

II. TACITUS. *Germania* and *Agricola*; or *Agricola* and Selections from the *Annals*. Winter term. Freshman year.

III. HORACE. *Odes* and *Epodes*. Studies in the Neighborhood of Rome. Spring term. Freshman year.

IV. CICERO. *De Officiis*. Discussions upon the teachings of Cicero. (Omitted in 1901.) Fall term. Elective.

V. CICERO. *Tusculan Disputations*. Selections. Discussions. Fall term. Elective.

VI. LATIN SATIRE. Selections from Juvenal, Horace, and Persius. Winter term. Elective.

VII. ROMAN ORATORY. Cicero (*Brutus*), Quintilian (*X* and *XII*), Tacitus (*Dialogus*). (Omitted 1902.) Winter term. Elective.

VIII. LATIN COMEDY. Selected plays of Plautus and Terence. Rapid reading course. Spring term. Elective.

IX. LATIN LITERATURE. The work of the term includes (1) the translation of many selections from the works of the chief authors from Plautus to Gellius, with especial attention to inscriptions and fragments of old Latin; (2) the mastery of the Primer of Latin Literature; (3) the preparation of a paper upon some topic connected with the work. The Primer will be supplemented by a course of lectures upon the History of Roman Literature. Texts, Smith's Latin Selections; Wilkin's Primer. (Omitted in 1902.) Spring term. Elective.

X. ROMAN CORRESPONDENCE. Selected letters of Cicero, Pliny, and Marcus Aurelius. Two hours. Fall term. Elective.

XI. CATULLUS AND LATIN HYMNS. Selections. (Omitted in 1901.) Two hours. Fall term. Elective.

FRENCH.

I. NINETEENTH CENTURY AUTHORS, three hours per week; scientific French, one hour; composition, one hour. Required in Freshman year, Literary course. Fall term.

II. NINETEENTH CENTURY AUTHORS, continued. Required in Freshman year, Literary course. Winter term.

III. SEVENTEENTH CENTURY AUTHORS; one or two works each from Corneille, Racine, Moliere, four hours per week; composition and review of grammar, one hour; assigned reading to supplement the class work. Required in Freshman year, Literary course. Spring term.

GERMAN.

I. DRAMA. (Freitag, Lessing, etc.); or advanced prose reading, four hours per week; prose composition, one hour. Required in Sophomore year, Literary course. Fall term.

II. SCHILLER. Four hours per week, composition one hour. Required in Sophomore year, Literary course. Winter term.

III. GOETHE. Four hours per week, composition and review of grammar one hour. Required in Sophomore year, Literary course. Spring term.

NOTE.—Clubs are formed in both French and German, which meet for an hour in the evening on alternate weeks, for additional practice in conversation and reading.

ENGLISH.

I. RHETORIC. Principles of English Composition and Rhetoric with work in criticism and essay writing. Text, Genung's The Working Principles of Rhetoric. Spring term. Sophomore year. Required.

II. ENGLISH LITERATURE. Chaucer and Shakespeare are studied for their literary qualities and for their relation to the development of the English Language, with a brief survey of the literature of the fourteenth, fifteenth, and sixteenth centuries. Fall term. Junior year. Required.

III. ELIZABETHAN LITERATURE. The literary development and character of the Elizabethan Period as shown more especially in the works of a few great writers. Reference text, Saintsbury's History of Elizabethan Literature. Winter term. Elective.

IV. SHAKESPEARE. A critical and appreciative study of Shakespearian Tragedy, with lectures upon Shakespeare's dramatic art. Winter term. Elective.

V. AMERICAN LITERATURE. The rise, development, and character of American Literature, with daily readings from representative authors. Reference text, Wendell's Literary History of America. Winter term. Elective.

NOTE.—Only one of courses III, IV, and V will be given in any one year.

VI. OLD ENGLISH. A study of Anglo-Saxon with special reference to its relation to the history of the English Language. Texts, Bright's Anglo-Saxon Reader, and Emerson's History of the English Language. Winter term. Elective.

VII. MILTON. A critical and appreciative study of Paradise Lost, with written reports upon his other poems. Offered only in alternate years, alternating with course VII. Fall term. Two hours a week. Elective.

VIII. BROWNING. A critical and appreciative reading of Robert Browning's Poetry with essays. Offered only in alternate years, alternating with Course VII. Fall term, two hours a week. Elective.

IX. ELOCUTION. Theory and art of reading and speaking, with lectures upon voice and gesture. Practice in reading and declaiming. Spring term. Two hours a week. Elective.

X. ENGLISH. This course consists of a practical study of the principles of English composition, English style, and English oratory, aided by such texts as Wendell's English Composition, Spencer's Philosophy of Style, and Lewes' Principles of Success in Literature, and by lectures upon various topics in rhetoric, literature, and oratory. The lecture courses for 1899-1900 were upon Elocution, Oratory, and Debate; for 1900-1901, upon American Literature; and for 1901-1902 are to be upon the literature of the Victorian Era. The purpose of this work is to give every student a clear and definite knowledge of the principles of expression in writing and speaking with some degree of skill in their use, and to broaden his knowledge and appreciation of literature. An essay, and an oration or debate are required of each student every term. Once a week throughout the four years. Required of all students.

GENERAL INFORMATION.

LOCATION.

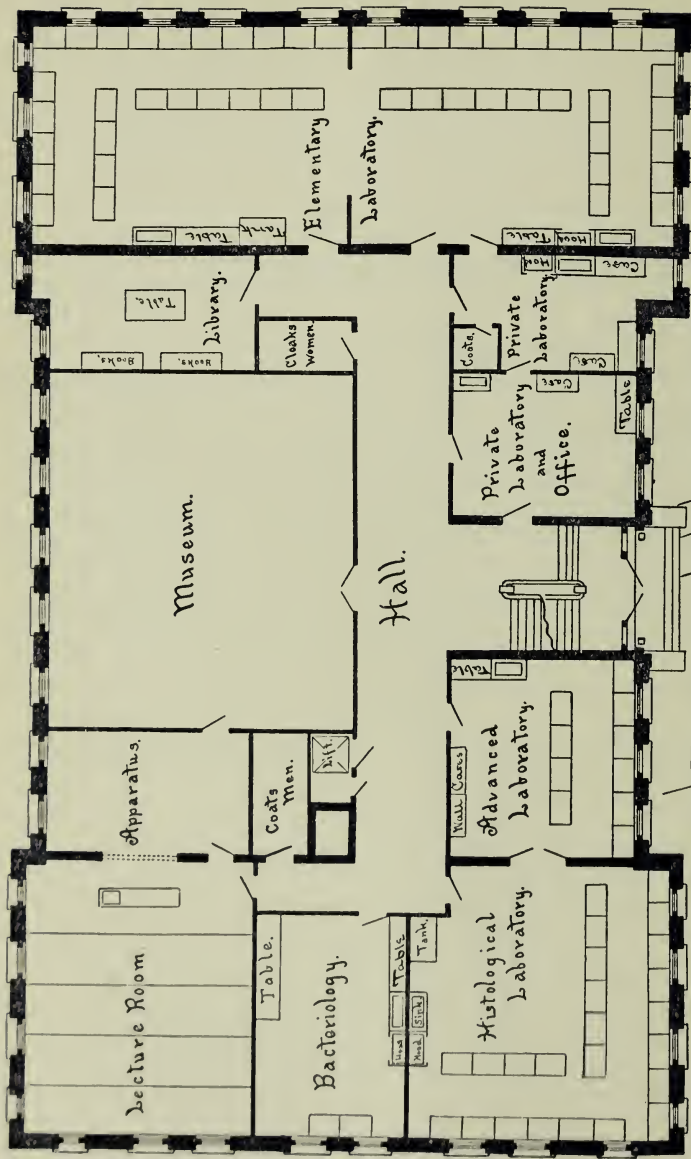
Ripon is justly considered one of the most attractive residence cities in the state of Wisconsin. It is located on a gravelly soil at such an elevation as to have almost perfect drainage. The result is that the city has a remarkable record for healthfulness. Diseases connected with poor drainage are entirely unknown. Typhoid fever is not known to originate within the city. The water supply is exceptionally pure, and the city is supplied with an admirable system of sewers. It is easily reached from any part of the state by way of either the Chicago & North-Western or the Chicago, Milwaukee & St. Paul railways.

The college campus is in the most elevated part of the city and its buildings command extensive and beautiful views of the surrounding country.

BUILDINGS.

In East College are located the chapel, the Conservatory of Music, Ecolian Hall, and the President's and Treasurer's offices. In the Middle Building is placed the Library. In this building also are located the rooms for the young men of the College department. The upper stories of West College are used for dormitories for the young men of the Preparatory department, while the first story is devoted to recitation halls. In the basement is a gymnasium, supplied with the usual conveniences in the form of lockers, bath-rooms, etc. In a separate building are located the class rooms of the department of Mathematics and the offices of the Registrar and Secretary of the Faculty.

Bartlett Cottage, named in honor of the late Sumner Bartlett of Oshkosh, furnishes an admirable home for the young ladies of the institution. The rooms are large, pleasant, and sunny, and the building is supplied with all modern conveniences in the shape of steam heat, bath-rooms, etc. Dawes Cottage, named in honor of the Hon. William Dawes of Milwaukee, is situated just off the college campus, and is designed for the use of women students who desire to board themselves. It will accommodate fourteen students.



INGRAM HALL, 1st FLOOR.

Ingram Hall, named in honor of O. H. Ingram, Esq., of Eau Claire, is devoted to the use of the scientific departments of the college. It is a large building—73x121 feet—having three stories and a commodious basement and is admirably adapted, in every way, for the uses for which it was designed. It is a building of the classical style of architecture, somewhat plain, but in entirely good taste and fitted with all appliances essential for the teaching of sciences. The first story and a part of the basement are utilized for the department of Biology. In the second story is located the department of Physics and the third story contains the department of Chemistry. The laboratories are large, well lighted, and supplied with all necessary conveniences in the way of gas, water, etc. Each department has a large and conveniently arranged lecture room. There is also a room upon each story for the storage and display of museum preparations. The zoological collections are upon the first story, the botanical and geological upon the second, and the mineralogical upon the third story. Ample storage rooms are supplied in the basement and in the attic and for the convenience of carrying material to the different stories of the building, a freight elevator runs from the basement to the attic.

LIBRARY.

The main library occupies the entire western half of the first floor of Middle College. The collection consists of nearly eleven thousand catalogued volumes and several thousand works of a miscellaneous character.

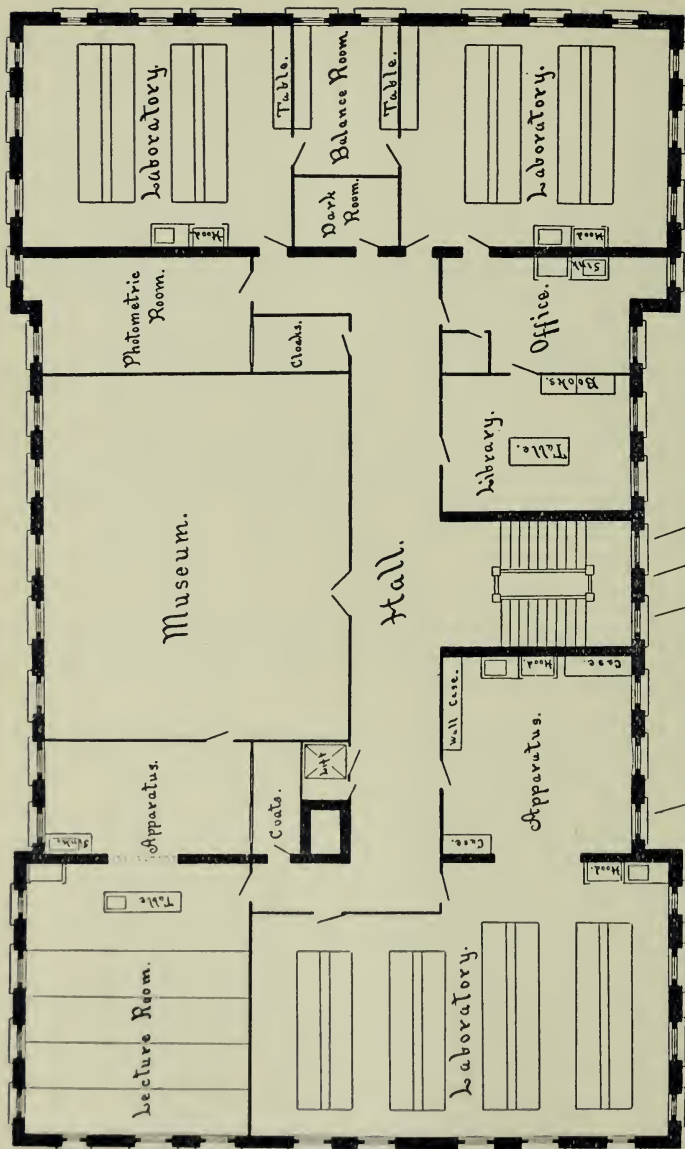
The libraries for the departments of biology, physics and chemistry are located in Ingram Hall, and those for Greek, Latin and economics are installed in the rooms occupied by these departments.

The library is catalogued both by authors and subjects according to the latest approved system. It is well supplied with works of reference and has nearly complete bound sets of the standard magazines.

In order to encourage the use of the facilities of the library, tables are provided for consultation and investigation, and the students have free access to the alcoves.

Through the generosity of a number of graduates of the college and of friends, there has recently been expended a considerable sum of money which has greatly enriched the library in material directly available for use in the several departments. Books may be drawn each week day under suitable regulations. Students also are privileged to draw books from the public library of the city.

The reading room is well supplied with daily and weekly newspapers in English, German and Welsh, as well as with the leading periodicals. It is open daily from 7 a. m. to 8 p. m.



INGRAM HALL, 2nd FLOOR.

LABORATORIES.

THE BIOLOGICAL LABORATORIES.

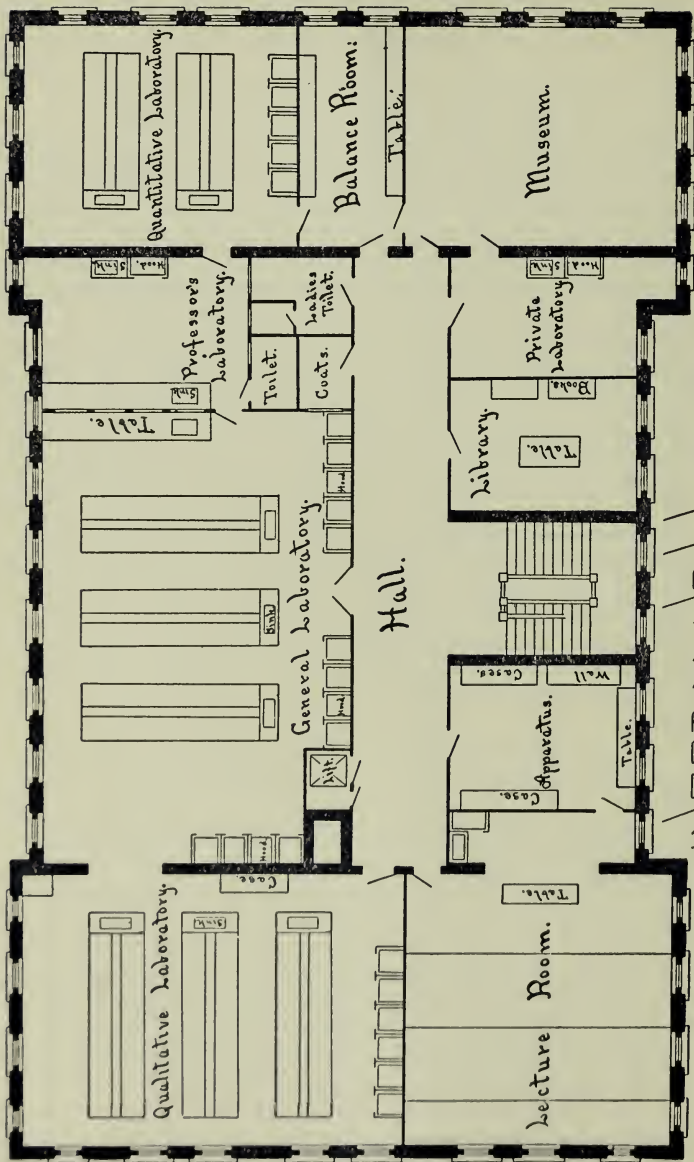
The equipment of the Biological Laboratories is quite complete and additions are made from time to time as need arises. The laboratories are convenient, thoroughly lighted rooms, and so large that a table can be assigned to each student for his exclusive use through the entire term. This makes it possible for the student to accomplish much more than would be the case if successive divisions of the class had to use the same tables. The equipment in the way of apparatus is ample; there is an abundant supply of microscopes, cameras, etc., of the best German and American makes, and all necessary glassware is present for the various courses. The bacteriological laboratory is supplied with the various sterilizers, incubators, etc., which are necessary for that work. On the same floor with the laboratories, and conveniently reached, is a library room, in which is kept the working library of the department. This is a carefully selected list of books, to which additions are being made constantly, and supplies the students with all needed literature. In addition to the tanks in the laboratories for living animals and plants which are under observation, there is, in the basement, a Vivarium, in which are kept such animals as are necessary for laboratory uses. In connection with the Vivarium is an Injection Room, where the material for laboratory use is prepared. In the basement also are located the storage rooms of the department.

THE CHEMICAL LABORATORIES.

The department of Chemistry occupies the third floor of Ingram Hall. The lecture room seats about fifty and has the customary appliances. The general laboratory is equipped with thirty-five desks that are supplied with lockers, gas and water. The qualitative laboratory is similarly provided for and accommodates twenty students. The quantitative laboratory has desk room for sixteen, and adjoining this is a large balance room. All laboratories are supplied with hoods. In addition to these the department has a laboratory for the professor in charge, a private laboratory, preparation and storage rooms and a library room. An assaying room is arranged for in the basement. The department is well equipped with apparatus for all the courses offered.

THE PHYSICAL LABORATORIES.

The department of Physics occupies the greater part of the second floor of Ingram Hall and a portion of the basement. A spacious laboratory for work in general physics, lecture room, photometric room,



INGRAM HALL, 3rd. FLOOR.

two laboratories for advanced work, preparation room, balance and dark rooms, a private laboratory and library occupy the second floor. In the basement a large room is reserved for work in electricity which is provided with piers of masonry. A forty foot suspension shaft is arranged for pendulum observations. All laboratories are supplied with hoods, sinks, water and gas. Ample facilities are offered for work in several branches of pure physics.

The electrical apparatus of the physical laboratory includes a large Storage Battery, a Wheatstone Wire Bridge, a Rheostat, a Coloumb Torsion Balance, Astatic and Tangent Galvanometers, a Magnetometer, a Voltmeter, an Electric Motor and a Dynamo, together with apparatus illustrating the laws of Electro-Dynamics and Electro-Magnetism. Students have access to a good department library.

PHYSICAL CULTURE.

The college gymnasium, equipped with the necessary apparatus, offers ample opportunity for physical training during the winter months.

All young men of the Freshman and Sophomore classes are required to take regular exercise during the winter term.

Regular work is required of the young women of the Freshman and Sophomore classes, one hour, three days of the week, from November 1, to end of winter term.

The work for young women aims to develop healthful bodies by scientific methods that are simple, direct, and safe. Each young woman upon entering the gymnasium is given a careful physical examination and advised in regard to the amount and kind of exercise she most needs. The exercises taught are taken from the Sargent, Ling, Delsarte, and Emerson systems, with and without apparatus. A system of exercises especially adapted to public schools, without apparatus, is given those who expect to teach.

Basket-ball is played by the young women, but only those who have a satisfactory health record are permitted to play in any regular game.

ATHLETICS. Every effort is made to encourage out-door sports and to emphasize the importance of regular out-door exercise.

Ingalls Park, the college athletic field, contains a covered grandstand, a good quarter-mile track, and an abundance of level ground for foot-ball, base-ball and other games.

REGULATIONS.

The government of the College is not based, to any considerable extent, on fixed rules. It is expected that students will conform to the conventionalities of good society. If they are not willing to do this it is not considered wise to continue their connection with the College.

The following specific rules are observed: Students are expected to attend public worship in some church each Sabbath. They are not permitted to leave town without permission from the discipline officer. The places at which they shall room or board are subject to the approval of the faculty. The use of tobacco is forbidden.

DEGREES.

The degree of Bachelor of Arts is conferred upon those who have completed a college course. The degree of Master of Arts may be conferred upon any graduate of this college, or of any other college offering substantially equivalent courses, who shall have completed an approved course of non-professional study sufficient to constitute an additional year of college work, one half of which, at least, is in a single department or in closely allied departments. This work may be done during one year in residence at the college or, in the case of graduates of this college, during two years of non-residence. Examinations in all the work of the approved course are required, and a satisfactory thesis upon some subject connected with the leading department of the course must be presented at least one month before the close of the college year. Fees for all special examinations and the usual fee for the diploma are required.

PRIZES.

THE JAMES PRIZES.

These prizes are paid from the interest of a fund of \$1,500, given by Mrs. John W. James, of Boston, for the encouragement of English Composition in the college.

There have been established three Freshman prizes of \$10, \$6 and \$4, respectively; three Sophomore prizes of \$15, \$10 and \$5, respectively; and three Junior prizes of \$20, \$12 and \$8, respectively.

The Freshman prize will be awarded for clearness and correctness in style, and for excellence in punctuation, sentence making, and paragraphing, as exhibited in the manuscripts of the Freshman year English exercises.

The Sophomore prize will be awarded for the best Essays upon subjects prescribed by the Professor of English. These essays will be considered with special reference to extent of research, accuracy of statement, and correctness and clearness of style.

The Junior prizes will be awarded for the best Essays upon subjects chosen by the writers. These exercises will be considered with special reference to the understanding of the subject, freshness of the thought, and method and skill in the presentation of the same.

The qualities which are required in the Freshman Essays will be taken into consideration in awarding the Sophomore and Junior prizes also. All Sophomore and Junior Essays must be deposited with the President on or before six p. m. on the second Saturday of the spring term. Before the day appointed for receiving the essays the competitors must register their names with the Professor of English. Each Sophomore or Junior essay is limited in length to three thousand words. Each essay must be signed with a fictitious name, and this fictitious name must be subscribed on a sealed note containing the writer's real name, and this sealed note must also be deposited with the President. No essay is to be handed in which has previously been used in meeting any rhetorical appointment.

No student conditioned in English exercises can compete for the James Prizes. No prize will be awarded for inferior work.

THE LEWIS PRIZE.

This prize was established by Hon. J. T. Lewis, of Columbus.

The annual income of a fund of \$200 will be given to the student who shall hand in the best set of notes on the Biological work of Freshman year. But the prize will not be awarded for inferior work.

THE CLASS OF 1896 PRIZE.

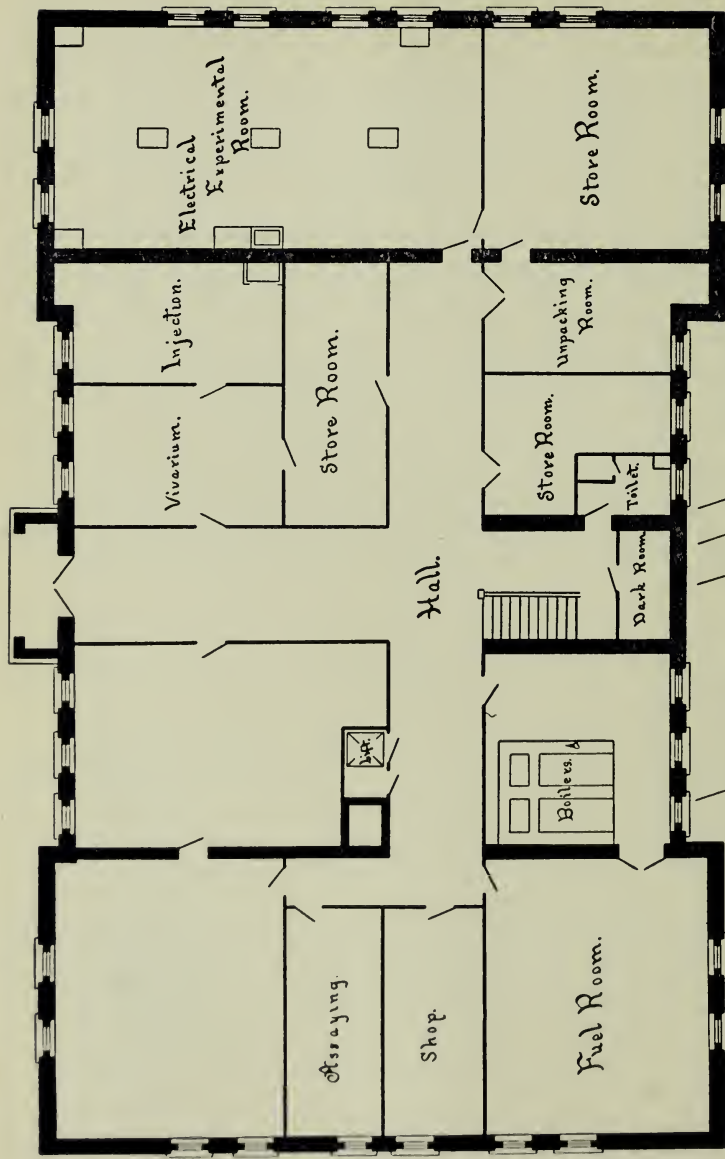
The annual income of the Memorial Prize Fund of the Class of 1896 amounting to about \$20, will be awarded to the successful contestant in a declamation contest by the members of the Junior class.

THE POLITICAL ECONOMY PRIZES.

Three prizes of \$10, \$8 and \$7, respectively, offered by a friend of the college to the class in Political Economy, were awarded in the year 1900 for the best essays on assigned topics.

THE MATHEMATICAL PRIZES.

The following prizes are offered by a friend of the college: One of \$10 for excellence in the required mathematical work of the Freshman year, and one of \$15 awarded at the close of the Sophomore year for practical knowledge of the required mathematics of the Scientific course.



INGRAM HALL, BASEMENT.

EXPENSES.

TUITION.

Regular expenses, per term, required of every student :

Tuition,	\$10 to \$12 00
Incidental Fee,	6 00
Fee for Athletics. (See page 46.)	50

Several classes of scholarships, furnishing tuition for twelve terms, are available for the use of patrons of the college: (1) Those available within the immediate families of the persons whose signature they bear. (2) Those which have expired by limitation. By the additional payment of \$25 these can be revived and made good to the persons presenting them. (3) Those in the hands of the treasurer for sale. These can be purchased for \$50. (4) A limited number are in the hands of the treasurer under which tuition for the current term can be obtained on application for \$4.20. All of these scholarships expire by limitation September 1, 1906. Up to that time they enable students to obtain tuition at the nominal rate of \$4.20 per term; or, if lapsed scholarships can be found, for \$2.10 per term.

Incidentals is a charge made to defray the expense of library, gymnasium, warming and lighting the halls and public rooms, and of janitor service.

OTHER EXPENSES.

Board in College Hall, per week,	\$2 25
Board for young women in Dawes Cottage,	1 00
Board for young men in Economia Club,	1 80
Room rent in Middle and West Colleges, } according to location of room, per term, }	\$3 to 5 00
Room rent in Bartlett Cottage, including heating—	
First and second floors, per term,	24 00
Third floor, per term,	16 00

The above prices for rooms in Middle and West Colleges and in Bartlett Cottage may be reduced one half by two students rooming together.

Room rent in Dawes Cottage, per term, \$3 50

Application for room in Dawes Cottage should be made before August 1.

Furnished rooms, in Economica Club House, per month, \$2 to \$5 00

Furnished rooms with private families, per month, 2 to 5 00

Laboratory fee in Zoology, Vertebrate Anatomy, Ad- }
vanced Botany, Biology, Histology, and Physics, per term, } 2 00

Laboratory fee in Bacteriology and Embryology, per term, 5 00

Laboratory fee in Chemistry, per term, 5 00

Laboratory fee in Elementary Physics, 1 00

Fuel, lights, washing, books and stationery are considered as personal expenses, hence are not mentioned in the above list.

An average estimate of expenses, per term, for board and room rent in College buildings, incidental fee, with lights and fuel included, will be about

For Fall term, \$48 00

For Winter term, 48 00

For Spring term, 44 00

For full year, \$140 00

This estimate is upon the supposition that two students occupy the same room.

Board in private families, with furnished rooms, varies from \$3.00 to \$4.00 per week.

Rooms in Bartlett Cottage and Dawes Cottage are supplied with the necessary furniture except carpets, bedding, crockery, and lamp.

Rooms in Middle College and West College are rented without furniture.

About two hundred students may have rooms and board in the College buildings. Several of the teachers reside there, and board at the same table with the students, board being furnished at actual cost by the College Dining Association which is composed of teachers and students and is under the general control of the college.

All charges must be paid or satisfactory arrangements made with the treasurer within two weeks after joining the institution. Students who do not strictly observe this rule will forfeit their connection with the College.

If for good reasons a student shall leave before the middle of the term, one-half of his fees will be refunded.

SELF HELP.

It is the purpose of the College to afford every possible encouragement to worthy students of limited means.

Young men who need it may generally find remunerative employment for an hour or two a day, but the College does not agree to furnish it. No person should expect to pay the whole or a very large part of his expenses by his own labor, and still to complete the course within the usual time. Those who wish an education, and are willing to work for it, are invited to correspond with the Faculty, stating their circumstances and plans.

THE RUFUS DODGE FUND.

The late Rufus Dodge of Beaver Dam, left the college a legacy of \$9,000 as a permanent fund to aid young women of limited means in getting their education. The interest of this fund will be annually distributed among such students for this purpose, according to their need.

PERMANENT SCHOLARSHIPS.

Three permanent scholarships have been founded for the benefit of young men of limited means. The income from these is applied annually in payment of the tuition of those whom the President may designate as proper persons to receive it. Several young men may thus have financial aid.

STUDENT ORGANIZATIONS.

THE CHRISTIAN ASSOCIATIONS.

The college branch of the Young Men's Christian Association holds regular meetings on Sunday afternoon at four o'clock, in the Association room in West Building. At the same hour the Young Women's Christian Association meets in the parlors of Bartlett Cottage. On Tuesday evening a general prayer meeting of students and faculty is held in the chapel.

Bible and mission study classes are maintained throughout the year.

LITERARY SOCIETIES.

There are two literary societies in the college: one for women of both the College and Preparatory schools, and one for the men of the College. A third society is maintained by the men of the Preparatory school. These societies have well furnished halls, and afford their members valuable means of voluntary improvement.

THE COLLEGE DAYS.

The students publish the usual college paper, called *The College Days*. It is published by a board of editors selected by the literary societies, and represents the literary and social activities of the College.

THE ORATORICAL UNION.

Ripon College is one of the three colleges constituting the State Oratorical Association. In the selection of contestants and in all official dealing with the state society, the students are represented by the local Oratorical Union. All students are eligible to membership.

ATHLETIC ASSOCIATION.

The students, organized as the College Athletic Association, have always had control of athletics, the maintenance of athletic teams and the selection of officers. However, in order to secure greater steadiness, and better business methods in the management of athletics, general supervision of such matters has recently been put into the hands of a committee of three, representing students, alumni and faculty. At the request of the students a fee of fifty cents per term is collected by the College Treasurer, who is also treasurer of the Association, for the support of athletics.

PREPARATORY SCHOOL.

The Preparatory School is under the general supervision of the President and Faculty, and the instruction is under the immediate direction of the professors in the various departments. The students of the Preparatory school are subject to the same rules as the College students, with the addition of such specific regulations as are necessary in the administration of a Preparatory school.

The courses of study are designed to prepare students for the Classical, Scientific and Literary courses of the College.

To enter the Junior class, students must have such knowledge of English Grammar, Arithmetic, Geography and U. S. History as is required for admission to the Free High Schools of the state.

Candidates for higher standing must present satisfactory evidence, or be examined in the studies previously pursued by the class which they desire to enter.

Students not desiring to take a complete preparatory course are allowed to enter classes for which they are prepared, and such students are under the same requirements with respect to Rhetorical Exercises as students in the regular courses.

For statement of expenses see page 43.

CONSPECTUS OF COURSES.

JUNIOR YEAR.

	FALL TERM.		WINTER TERM.		SPRING TERM.	
All Courses.	Grammar.	8	Arithmetic.	8	Civil Government.	3
	U. S. History.	2	Hebrew History.	2	Ancient History.	10
	Elem. Physiology.	10	Elem. Rhetoric.	10	English Comp.	8

JUNIOR MIDDLE YEAR.

Classical Course.	Latin Lessons.	3	Latin Lessons.	3	Viri Romae.	3
	Elem. Eng. Lit.	11	Phys. Geography.	10	Elem. Botany.	11
	Elem. Algebra.	9	Elem. Algebra.	9	Elem. Algebra.	9
Scientific & Literary Courses.	Latin Lessons.	3	Latin Lessons.	3	Viri Romae.	3
	Medieval History.	11	Phys. Geography.	10	Elem. Botany.	11
	Elem. Algebra.	9	Elem. Algebra.	9	Elem. Algebra.	9

SENIOR MIDDLE YEAR.

Classical Course.	Cæsar.	2	Sallust and Cicero.	2	Cicero.	2
	Greek Lessons.	8	Greek Lessons.	8	Anabasis.	8
	Geometry.	10	Elem. Physics.	10	Elem. Physics.	10
Scientific & Literary Courses.	Cæsar.	2	Sallust and Cicero.	2	Cicero.	2
	Elem. French.	8	Elem. French.	8	Elem. French.	8
	Geometry.	10	Elem. Physics.	10	Elem. Physics.	10

SENIOR YEAR.

Classical Course.	Vergil.	9	Vergil.	9	Vergil and Cicero.	8
	Anabasis.	11	Anabasis.	11	Iliad.	2
	Elem. German	3	Elem. German	3	Geometry.	11
	or Elem. French.	8	or Elem. French.	8		
Scientific Course.	Vergil.	9	Vergil.	9	Drawing.	9
	Elem. German.	3	Elem. German.	3	Elem. German.	3
	Elem. Eng. Lit.	11	Modern History.	11	Geometry.	9
Literary Course.	Vergil.	9	Vergil.	9	Vergil and Cicero.	8
	Elem. German.	3	Elem. German.	3	Elem. German.	3
	Elem. Eng. Lit.	11	Modern History.	11	Geometry.	11

Weekly exercises in English during alternate terms throughout the course.

COURSES OF INSTRUCTION.

ENGLISH.

All the following Courses are required of all students.

A. GRAMMAR. Elements and essentials of English Grammar. Fall term. Junior year.

B. ELEMENTARY RHETORIC. A study of the essentials of a correct and clear style, and of sentence and paragraph forms, with practice in the correction of errors and in composition. Text, Mead's Practical Composition and Rhetoric. Winter term. Junior year.

C. ENGLISH COMPOSITION. Practical work in essay writing, with a study of paragraphing and of the kinds of composition. Spring term. Junior year.

D. ENGLISH LITERATURE. A brief survey of the history and development of English Literature, reading of selections from great authors, and a careful study of a few masterpieces. Fall term. Junior Middle year of the Classical course, and Senior year of other courses.

E. ENGLISH. Declamations, Essays, and Literary Readings. This course consists of declamations with criticism and instruction in public speaking, essay writing, and the study of selected classics in English Literature. Once a week in alternate terms throughout the four years.

FRENCH.

A. Andre Beziat de Bordès' Elements of French begun, four hours per week; easy reading one hour. Required in Senior Middle year, Literary and Scientific courses. Classical Seniors may choose between this course and the German, Course A. Fall term.

B. Grammar (finished at mid-term), two hours per week; reading, one hour; Francois' prose composition (begun at mid-term), two hours per week; reading, three hours. Required in Senior Middle year, Literary and Scientific courses, also required for Classical students who have elected Course A. Winter term.

C. Continuation of the work of the second half of the winter term. Required in Senior Middle year, Literary and Scientific courses. Spring term.

GERMAN.

A. Collar's Shorter Eysenbach begun, four hours per week; easy reading, one hour. Required in Senior year, Literary and Scientific courses. Required in Classical course, if French is not elected. Fall term.

B. Grammar completed, three hours per week; reading, two hours; Bernhardt's prose composition (after the completion of the grammar), two hours per week; reading, three hours. Required in Senior year, Literary and Scientific courses, also in Classical, if elected in fall term. Winter term.

C. Continuation of the work of the latter half of the winter term. Required in Senior year, Literary and Scientific courses. Spring term.

NOTE.—Practice in conversation, dictation, memorizing, and sight reading is given throughout the course in both French and German.

LATIN.

Allen and Greenough's Latin Grammar is required in all classes.

A. LATIN LESSONS. The beginning Latin book is studied throughout the term. Fall term. Junior Middle year.

B. LATIN LESSONS. The first Latin book is completed. Three or four selections from Viri Romæ are read. Text, Churchill and Sanford's Viri Romæ. Winter term. Junior Middle year.

C. VIRI ROMÆ. Twenty-five selections from the Veri Romæ are read together with some work in Latin Prose composition. Text, Churchill and Sanford's Viri Romæ. Spring term. Junior Middle year.

D. CÆSAR. Books I and II of Cæsar's Gallic War. Prose work based upon the text. Text, Allen and Greenough. Fall term. Senior Middle year.

E. SALLUST AND CICERO. Sallust's Catiline is read as an introduction to Cicero, followed by the first two orations of Cicero against Catiline. Texts, Herbermann's Sallust, Allen and Greenough's Cicero. Winter term. Senior Middle year.

F. CICERO. The third and fourth orations against Catiline, the Manilian Law, and Poet Archias are read. Prose work based upon the text is continued. Text, Allen and Greenough's Cicero. Spring term. Senior Middle year.

G. VERGIL. Books I and II of Vergil's Æneid are read. Attention is given to scansion and mythology. Texts, Greenough and Kittredge's Vergil, Beren's Myths of Greece and Rome. Fall term. Senior year.

H. VERGIL. Books III, IV and V of the Æneid are read. Winter term. Senior year.

I. VERGIL AND CICERO. This is a term of rapid reading. The sixth book of the Æneid is read together with some one of the shorter works of Cicero and reading at sight. Spring term. Senior year.

J. BEGINNING LATIN. Rapid course. For those students who have had sufficient drill in other foreign languages a rapid course is offered by which the time usually given to preparatory Latin is materially lessened.

GREEK.

Goodwin's Greek Grammar is used.

A. ELEMENTARY LESSONS. White's First Greek Book. Fall term of Senior Middle year.

B. ELEMENTARY LESSONS, continued. Winter term.

C. ANABASIS BOOK I. Kelsey's Anabasis. Greek composition. Spring term.

D. ANABASIS. Grammar review and composition. Fall term of Senior year.

E. ANABASIS, or equivalent. Grammar and composition. Geography of Greece. Winter term.

F. HOMER'S ODYSSEY. Four books. Perrin and Seymour's edition. Spring term.

AB. A rapid course for those graduates of accredited High Schools who do not offer Greek for admission. The work is equivalent to courses A. and B.

CD. A continuation of course AB.

EF. A continuation of course CD.

MATHEMATICS.

A. ARITHMETIC. A single term of review to supply possible deficiencies, and to make practicable more rapid and thorough work in Algebra. Winter term.

B. ALGEBRA. Fundamental operations, simple equations, factoring, highest common factor, lowest common multiple, fractions. Fall term.

C. ALGEBRA. Simple equations, simultaneous equations, involution, evolution, theory of exponents, radicals. Winter term.

D. ALGEBRA. Quadratic equations, zero and infinity, ratio and proportion, progressions, binomial theorem. Spring term.

Text-book for the three terms, Wells' Essentials.

E. GEOMETRY. Plane Geometry; logical accuracy of reasoning being a leading object of effort. Fall term.

F. GEOMETRY. Solid Geometry, with special attention to accurate concepts of form without the aid of figures, and also to Mensuration. Spring term.

Text-book for both terms, Phillips and Fisher.

PHYSICS.

A. INTRODUCTION TO PHYSICS. Recitations and experiments. Subjects considered are mechanics and heat.

B. ELEMENTARY PHYSICS, continued. Recitations with experiments. Devoted to the elements of sound, light and electricity. Wentworth and Hill's Physics.

BIOLOGY.

A. **BOTANY.** The work of this course is based upon Bergen's text-book and includes a study of the fundamental ideas of botany. A large part of the work is upon the flowering plants, and while there is no required work in analysis, in the old-fashioned sense, the students are expected to learn enough of systematic botany to be able to classify common phenogamous plants. A small amount of work is required of each student in the way which will teach him to prepare and classify plants for an herbarium. Spring term of Junior Middle year.

B. **PHYSIOLOGY.** It is expected that in this course a student will familiarize himself with the essentials of human anatomy and physiology. The text-book used at present is Foster and Shore's Physiology. Fall term of Junior year.

PHYSICAL GEOGRAPHY.

The work in Physical Geography consists of daily recitations in winter term of Junior Middle year. The text-book in use is Tarr's Physical Geography.

HISTORY.

All the preparatory courses of study include one term each of United States, of Hebrew, and of Ancient History; and students in the Scientific and Literary courses have in addition one term each of Medieval and of Modern History.

- A. United States History. Fall term. Junior year.
- B. Hebrew History, (Blaikie). Winter term. Junior year.
- C. Ancient History, (Myers). Spring term. Junior year.
- D. Medieval History, (Myers). Fall term. Junior Middle year.
- E. Modern History, (Myers). Winter term. Senior year.

PHYSICAL CULTURE.

Regular exercise, under direction of the instructor, is required of all students in the Preparatory school from November 1, until the end of the winter term.

CONSERVATORY OF MUSIC.

The aim of this institution is to impart a high-grade and thorough musical education. The course of instruction is modelled principally after that pursued in the Conservatories of Europe, and will be so complete as to render further Conservatory instruction unnecessary;—at a cost very much lower than the ordinary,—under refined and elevating influences. The Diplomas of this Conservatory are already prized, and we earnestly hope that the citizens of this state, desiring for their sons and daughters a liberal musical education, will bestow their patronage here.

COURSES OF STUDY.

Five complete courses of study are offered :

1. A course in Piano.
2. A course in Pipe Organ.
3. A course in Voice Culture.
4. A course in Violin.
5. A course in Science and Theory of Music.

These courses are organized in two distinct departments of study : 1, Introductory Course, or General Musical Instruction; 2, Course Leading to Diploma.

I. INTRODUCTORY COURSE, OR GENERAL MUSICAL INSTRUCTION.

This course is open to anyone wishing to pursue elementary musical study, or to prepare for the more advanced courses offered. No previous knowledge of music is required. Students may choose any one or as many of the studies offered as desired; but may not register for less than one term. No diploma will be given in this course, but students who have done creditable work will be given certificates stating the amount of work accomplished.

II. COURSE LEADING TO DIPLOMA.

Course II is open to any person who is qualified to pursue advanced musical study. Students taking this course are required to pursue the study of Harmony and Musical History in connection with their main work (Piano, Voice Culture or Organ). No stated time for graduation can be set apart, as the varied needs of different pupils, and the demands of individual development exclude the possibility of defining the length of a period of study that shall govern all cases. This course embraces five distinct lines of musical work: Instrumental—Piano, Organ and Violin,—Vocal, and Theoretical; and all students must take some work in Piano to graduate.

COURSE IN PIANOFORTE.

“This course,” as VonBuelow remarks, “includes all, from the beginner to the virtuoso.”

After mastering the rudiments, for which we use Lebert and Stark’s Piano School, Part I, the course is as follows:

I. (A.) Aloys Schmitt, Studies. (Mendelssohn studied these.)
(B.) St. Heller, Op. 45.

II. (A.) Cramer’s Studies, Buelow Edition. (B.) Heller, Op. 46.
(C.) Czerny, Velocity Studies.

III. (A.) Clementi’s *Gradus ad Parnassum*, Tausig’s Edition.
(B.) Moscheles, Op. 70.

IV. (A.) Henselt’s Studies, Op. 2. (B.) Haberbier, *Etudes Poesies*.

V. Chopin’s Op. 10 and Op. 25.

Beginning with grade III, the study of Bach’s Well-Tempered Clavichord is commenced and continued, as also Joseffy’s Daily Studies, and other technical work, scales, etc. Compositions by Beethoven, Mozart, Schubert, Chopin, and the more modern composers will be given constantly during the course.

The above course will be required for graduation, (together with Harmony and Theory, as will be explained later.)

POST-GRADUATE COURSE.

A post-graduate course will be given to any who desire it, which will still farther advance their artistic skill. Special attention will be paid to Liszt, Tausig, Chopin and Rubinstein in this course.

PIPE ORGAN.

To meet the growing demand for especially educated organists, particular attention will be given to the development of the Pedal Technique, and the acquiring of a complete mastery of the Art of Registration, as well as a thorough knowledge of the nature and structure of the

organ. It is the aim of this department to prepare the pupil both for practical organ work in all the Church Services, and for Concert work.

Students desiring to study the organ should be as far advanced as possible in piano playing.

The following is an outline of the work in this department:

Pedal Studies by Buck, Thayer, Schneider, etc.; Studies in Registration; Rinck's Organ School; Bach, Selected Preludes and Fugues; Mendelssohn, Sonatas and Preludes; Selections from Merkel, Guilmant, Salome, Rheinberger, etc.

VOICE CULTURE AND SINGING.

The object of the Vocal Department is to furnish the best facilities for the development of vocalists for chorus and solo singing, and to give students voice culture in its relation to song and speech.

Especial attention is given to a correct position of the body in singing; a healthy and skillful management of the breath; the production of a clear, full, and resonant tone, free from the throat; distinct enunciation; the art of phrasing correctly, and the development of a refined musical taste.

Applicants for admission to this department must be familiar with musical notation, must be able to reproduce any given tone, and to sing from memory some simple melody. The ITALIAN Method is used. The following is the outline of the Vocal Course:

Studies by Concone, Vaccaj, Marchesi, etc., with the songs of Schubert, Mendelssohn, and Arias from the Oratorios and Operas, as well as Ballad-Singing.

COURSE FOR VIOLIN.

I. DeBeriot's Instructor; Blumenstengel's Studies in Scales; and easy lyrical pieces by modern composers.

II. Keyser's Etudes, Op. 20; Dont, Op. 38. Easy Sonatas by Schubert and Schumann; Solo pieces in different positions.

III. Kreutzer; Fiorillo; Schrädieck's technique; Sitt's scales; Sonatas by Mozart; Concertos by Sitt, Kreutzer, Rode, and Viotti.

IV. Rode; Dancla; Garinies; Alard. Beethoven Sonatas; Concertos and concert pieces by DeBeriot, Spohr, Vieuxtemps, Wieniawski, David, and the standard works of the masters.

From the first, students will be required to play in ensemble.

Special attention is given to a correct and graceful position, good tone and a sure technique.

SCIENCE AND THEORY OF MUSIC.

This course is designed for those who wish to pursue the study of music from a theoretical, historical, and critical standpoint, and can be

carried on, if desired, in combination with other work of this or other departments of the College. It includes the following branches:

Harmony and Elements of Musical Composition; Musical Form, and Analysis of classical masterpieces; Musical History and Biography; Acoustics, or the Physical Basis of Music; Musical Aesthetics.

Topics for essays are assigned each term.

Students taking this course must be able at least to play the piano to a certain extent.

HARMONY.

While those not working for a diploma are not required to take Harmony, such students are strongly urged to do so, and as early in their course as possible; as no pupil who aspires to become an intelligent musician in fields of either vocal or instrumental music can afford to be without a knowledge of the materials with which the composer works—i. e., the principles of harmony, the laws of musical form and structure. This knowledge brings the pupil more closely in contact with the thought and meaning of the great masters in music, so that it becomes an indispensable aid in their study and interpretation.

Students of the Sophomore or more advanced classes in the college are allowed to elect the work in Harmony, and Musical History as shown in the Courses of Study, and will be credited with them, if so elected. Weitzman's Manual of Musical Theory is used as a text-book.

CLASSES IN SIGHT SINGING.

Classes in Sight Reading will be organized and continued throughout the year. The object of these classes—for both children and older pupils—is to acquire the ability to read simple music at sight and to become acquainted with the elemental ideas of Harmony. The fee for classes in Sight Reading is five dollars per term.

Mention should also be made of the admirable series of concerts given under the auspices of the Conservatory of Music, in all of which artists of fine attainments and extended reputation have appeared, thereby giving unusual advantages for hearing the best music.

METHOD OF INSTRUCTION.

Instruction will be given either to individual pupils or to classes of two. It is recommended that piano students, until well advanced, take in classes of two, as by so doing each pupil has the opportunity of studying a wider range of works, of listening to double criticism, and, by observation, of acquiring the elemental methods of teaching.

FREE ADVANTAGES.

1. Piano Recitals.
2. Organ Recitals.
3. The Pupils' Rehearsals.
4. Lectures before the School on History of Music, Physiological Acoustics and kindred subjects. Systematic courses of reading in musical literature will be mapped out for the students of the School.

FEES AND EXPENSES.

The following are the rates of tuition :

FALL TERM.

PIANO, VOICE CULTURE OR VIOLIN.

One period per week, private,	\$18 00
Two periods per week, private,	28 00
Two periods per week, in classes of two, each, . . .	23 00

PIPE ORGAN.

One period per week, private,	\$25 00
Two periods per week, private,	40 00

WINTER OR SPRING TERM.

PIANO, VOICE CULTURE OR VIOLIN.

One period per week, private,	\$16 00
Two periods per week, private,	26 00
Two periods per week, in classes of two, each, . . .	22 00

PIPE ORGAN.

One period per week, private,	\$20 00
Two periods per week, private,	35 00

HARMONY AND MUSICAL COMPOSITION.

In classes of four or more students, per term,	\$ 8 00
Piano practice one hour a day, per term,	3 00

COURSE IN SCIENCE AND THEORY OF MUSIC.

Four periods a week, in class of two, each, per term, .	\$25 00
Four periods a week, in class of four, each, per term, .	15 00

MUSICAL HISTORY.

Class of four, each, per term,	\$10 00
Less than four, each, per term,	15 00

GENERAL INFORMATION.

1. Non-resident music students are under the same regulations as students in other departments of the institution, and are under the control of the Faculty in regard to the places at which they shall board or have rooms.

2. Names must be registered with the Director and one-half of the term's tuition paid before lessons are assigned.

3. One-half of the term's tuition must be paid at the beginning of each term, and the second half in the middle of each term.

4. Pupils are not received for a shorter period than one term, except by special permission of the Director.

5. All practice must be done in the Conservatory rooms, unless the Director consents to other arrangements.

6. No deduction is made for absence from lessons, except in cases of protracted illness, in which case the School will share the loss equally with the pupil.

7. No student is allowed to take part in any public musical performance without the consent of his teacher and the Director.

8. In every case where it can be done conscientiously, pupils will be cheerfully recommended for positions as teachers and organists.

9. All pupils are required to be present at each and every recital, concert and lecture unless excused by the Director.

10. Pupils leaving the college or town during lesson hours must be excused from those lessons by the Director,

11. All sheet music, studies, music books, etc., must be procured from the Director.

DRAWING AND PAINTING.

The instruction in this department is based upon the methods employed in the best Art Schools of New York.

DRAWING.

From the cast and from nature, with charcoal, pen and ink, crayon, chalks, or the pencil as the medium.

PAINTING.

In Oil, Pastel and Water Color, from still life. The studies are arranged with reference to introducing variety of texture and harmony of color. After the pupils have made suitable advancement in technique, they work from life.

The class will spend some time in sketching from nature through the fall and spring terms.

TUITION.

PER TERM.

One day per week,	\$ 7 00
Two days per week,	14 00
Four days per week,	24 00

One-half of the term's tuition must be paid at the beginning of each term, and the second half in the middle of each term.

No deduction is made for absence from lessons, except in cases of protracted illness, but lessons may be made up, if arrangements can be made with the instructor.

Pupils are not received for a shorter period than one term except by special arrangement.

ACCREDITED SCHOOLS.

Graduates of the following schools whose courses of study have been approved by the Faculty after inspection, are admitted to the Freshman class without examination. Students entering from approved schools having courses of study which do not meet the full requirements for admission to the Freshman class will be credited with all work satisfactorily done.

FOR ALL COURSES.

SCHOOL.	PRINCIPAL.
Appleton, Third District, . . .	W. F. Winsey.
Appleton, Ryan,	R. W. Pringle.
Ashland,	L. R. Burns.
Beaver Dam,	H. B. Hubbell.
Berlin,	G. H. Landgraf.
Bessemer, Mich.,	Laura J. Haggart.
Burlington,	W. H. Hickok.
Calumet, Mich.,	Florence Sanborn.
Carroll College, Waukesha, . .	Pres. W. L. Rankin.
Clinton,	R. E. Loveland.
Clintonville,	J. M. Bold.
Columbus,	M. H. Jackson.
Delavan,	C. W. Rittenburg.
De Pere,	F. J. Wells.
Elkhorn,	T. J. Jones.
Escanaba, Mich.,	Jessie M. Shepherd.
Fond du Lac,	Elizabeth Waters.
Green Bay, East Side,	William O. Brown.
Green Bay, West Side,	H. Hendrickson.
Grand Rapids,	G. T. Blynd.
Hancock, Mich.,	Eugene La Rowe.
Horicon,	P. J. Zimmers.
Ironwood, Mich.,	J. E. Butler.
Ishpeming, Mich.,	J. E. Ne Collins.
Janesville,	D. D. Mayne.
Jefferson,	H. L. Van Dusen.
Kaukauna,	A. M. Olson.
Kenosha,	E. C. Wiswall.
La Crosse,	W. R. Hemmenway.
Marinette,	R. P. Redfield.
Marshfield,	J. B. Borden.
Menasha,	A. B. O'Neil.

Milwaukee, East Division, . . .	A. J. Rogers.
Milwaukee, South Division, . . .	Arthur Burch.
Milwaukee, West Division, . . .	Chas. E. Mc Lenegan.
Negaunee, Mich.,	Homer J. Webster.
Neenah,	O. J. Schuster.
Norway, Mich.,	Mary B. Hubbard.
Oconomowoc,	M. M. Beddall.
Oshkosh,	H. A. Simonds.
Plymouth,	Otto Gaffron.
Portage,	W. G. Clough.
Racine,	Eugene C. Crosby.
Randolph,	E. W. McCrary.
Rhineland,	F. A. Lowell.
Ripon,	V. A. Suydam.
Shawano,	J. Leidenberg.
Sheboygan,	John S. Roeseler.
Sparta,	F. E. Doty.
Stevens Point,	J. W. Simmons.
Tomah,	Chas. H. Maxson.
Viroqua,	S. E. Pearson.
Waukesha,	H. L. Terry.
Waupaca,	C. R. Showalter.
Waupun,	G. F. Loomis.
Wausau,	C. C. Parlin.
Wauwatosa,	E. C. Cornelius.
West De Pere,	Gunlaf Guthormsen.

FOR LITERARY AND SCIENTIFIC COURSES.

Gladstone, Mich.,	J. H. McDonald.
Mauston,	A. H. Fletcher.
New Lisbon,	C. R. Thompson.
New London,	Taylor Frye.
Omro,	E. E. Sheldon.
Seymour,	Fred W. Axley.
Sharon,	E. T. Towne.
West Bend,	D. F. Keeley.

SCHOOLS ACCREDITED TO PREPARATORY COURSES.

Hartford,	Thos. R. Lloyd-Jones.
Mukwonago,	Frank Vande Walker.
Oakfield,	B. W. Bridgman.
Rosendale,	Alice M. Tetherly.
South Milwaukee,	Frank Kelley.

ALUMNI ASSOCIATIONS.

THE SOCIETY OF ALUMNI.

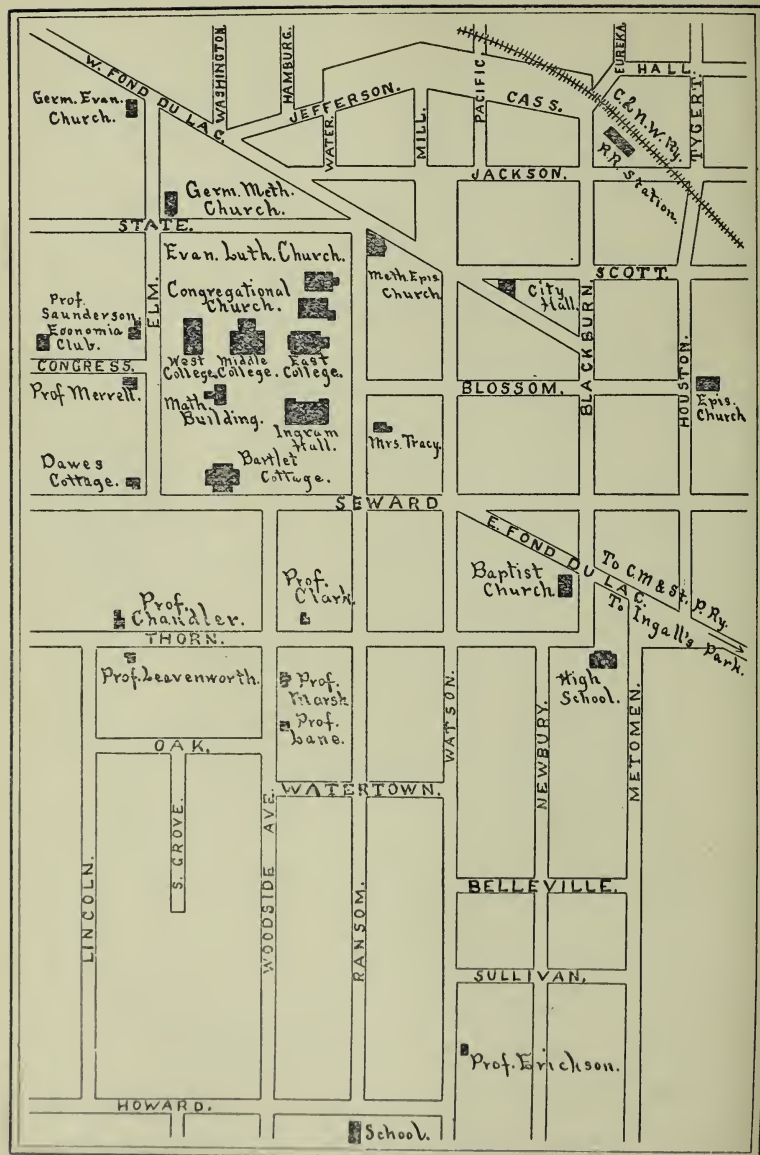
FOUNDED IN 1873.

President,	GEORGE C. DUFFIE,	Ripon.
Vice-President,	FRED L. SELDEN,	Milwaukee.
Secretary,	LUTHER DAVIES,	Oshkosh.
Treasurer,	SARAH E. SCRIBNER,	Ripon.

CHICAGO ASSOCIATION.

FOUNDED IN 1901.

President,	FREDERICK A. DAWES.
Vice-President,	EDWARD T. MERRELL.
Secretary,	ANNA R. HAIRE.
Treasurer,	WILTON B. JUDD.
Historian,	MARGARET (BOOKER) DAWES.



LOCATION OF THE RIPON COLLEGE BUILDINGS.

R H I
Ripon College Bulletin. No 6



Catalogue.

Ripon College

1902-1903.

Published Quarterly by Ripon College.

July 1902

CATALOGUE.

RIPON COLLEGE.

RIPON, WISCONSIN.

ANNOUNCEMENTS FOR THE YEAR 1902-1903
AND THE REGISTER FOR
THE YEAR 1901-1902.



RIPON, WIS.
C. H. ELLSWORTH, PRINTER.
1902.

1902.

SEPTEMBER.

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1903.

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CALENDAR.

1902.

September 24.	Wednesday.	Registration for First Semester.
September 25.	Thursday.	Recitations begin.
November 27.	Thursday.	Thanksgiving Recess. Thursday to Saturday.
December 24.	Wednesday.	Christmas Recess begins.

1903.

January 6.	Tuesday.	Recitations are resumed.
January 29.	Thursday.	Day of Prayer for Colleges.
January 31.	Saturday.	Registration of Electives for Second Semester.
February 10.	Tuesday.	First Semester closes.
February 11.	Wednesday.	Registration for Second Semester.
March 28—April 4, inclusive.		Easter Recess.
April 11.	Saturday.	Last day for presentation of James Prize Essays.
June 20-24.	Commencement.	

TRUSTEES.

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WILLIAM J. STARR, Esq.,	Eau Claire.
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HON. F. J. LAMB,	Madison.

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SAMUEL M. PEDRICK, Esq., Secretary and Treasurer.
O. J. CLARK, Esq.
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FRANK K. SANDERS.

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- EDWARD HUNTINGTON MERRELL, D. D., LL. D.,
Edward D. Holton Professor of Philosophy.
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Cornelius B. Erwin Professor of Mathematics and Astronomy.
- CHARLES DWIGHT MARSH, A. M.,
Dean and Professor of Biology.
- WILLIAM STOWELL LEAVENWORTH, M. Sc.,
Professor of Chemistry and Physics.
- EDWARD WILLIAM CLARK, A. M.,
Professor of the Latin Language and Literature.
- MARY CORINTHIA HARWOOD, M. L.,
Dean of Women and Professor of French and German.
- FRANK MORTON ERICKSON, A. M.,
Willcox Professor of the Greek Language and Literature.
- GEORGE FREDERICK LANE,
Professor of Music.
- HUBERT GIBSON SHEARIN, PH. D.,
Professor of the English Language and Literature.
- CLARISSA TUCKER TRACY, A. M.,
Instructor in Botany.
- OLIVER JONES MARSTON, A. M.,
Instructor in History and Political Economy.
- EDMUND D. DENISON, A. B.,
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-
- ELLA ELIZABETH MEYER,
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- EMMA GUYER LANE,
Instructor in Vocal Music, Harmony and Musical History.
- EDITH CLARA EDWARDS,
Instructor in Painting and Drawing.

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PROF. W. S. LEAVENWORTH,	Librarian.
PROF. O. J. MARSTON,	Director of the Gymnasium.

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On Library,
LIBRARIAN, PROFESSOR MARSTON.

On Publications,
PROFESSORS MERRELL, SHEARIN.

On Alumni,
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On Dodge Fund,
THE PRESIDENT, THE TREASURER, MISS HARWOOD.

On Commencement,
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On Athletics,
PROFESSOR MARSTON, D. H. HOLBROOK, '01, DIRK BRUINS, '03.

ADMISSION.

Candidates for admission to the College must present satisfactory evidence, either by examination or by a certificate from an approved school, of having completed the preparatory study necessary for the classes they propose to enter. Students coming from other colleges and seeking to enter advanced classes must present a statement of honorable dismissal with the certificate of their work.

The following outline will indicate the nature and minimum amount of work required for admission to the Freshman class.

ENGLISH.

COMPOSITION. The ability to write a short essay, correct in spelling, punctuation, grammar, and division into paragraphs.

READING. A general knowledge of the following: Shakespeare's Julius Cæsar and Merchant of Venice, Pope's Iliad, Books I, VI, XXII, XXIV, Carlyle's Essay on Burns, Tennyson's The Princess, The Sir Roger de Coverley Papers, Lowell's Vision of Sir Launfal, Cooper's Last of the Mohicans, Coleridge's Ancient Mariner and Goldsmith's Vicar of Wakefield.

A special knowledge of the following: Shakespeare's Macbeth, Milton's Lycidas, Comus, L'Allegro, Il Penseroso, Macaulay's Essays on Milton and Addison, Burke's Speech on Conciliation with America.

HISTORY.

Any one of the following courses is sufficient for admission, but the first is prescribed for students who elect Greek. 1. Ancient History. 2. General History. 3. History of England and the United States.

The requirements are to be understood as including a substantial text-book and considerable collateral reading.

MATHEMATICS.

ELEMENTARY ALGEBRA. Wells' Essentials or its equivalent, giving special attention to the theory of exponents, positive, negative, fractional and zero.

GEOMETRY. Plane and Solid.

PHYSICS.

A course in elementary physics extending through a year and including both recitations and laboratory practice. A similar course in biology or chemistry may be offered instead of the course in physics. The laboratory note-book properly certified by the instructor should be presented by the candidate for admission.

LATIN.

Grammar, two books of Cæsar, Sallust's Catiline, or equivalent, six orations of Cicero, including the Manilian Law, twenty lessons in prose composition, six books of Vergil. Students are earnestly recommended to prepare as above, but those who intend to take the modern language courses may substitute other satisfactory work for Vergil.

GREEK.

An accurate knowledge of the ordinary forms, idioms and syntax.

The ability to read at sight a passage of prose adapted to the proficiency of pupils who have read four books of the Anabasis or an equivalent. Three books of the Iliad or Odyssey.

GERMAN.

The following work in German may be offered instead of Greek: A two year course, of not less than four hours per week, including grammar, prose composition, easy and advanced reading. Practice in conversation, dictation, memorizing and sight reading.

If a sufficient number of students who have completed a four year preparatory course admitting to the Freshman class wish to begin the study of Greek or Latin, special classes will be formed

in which the preparatory work will be completed in less time than is required of students of less maturity. College credit will be given this work.

It will facilitate the work of registration if certificates, notebooks, etc.; be forwarded to the registrar before the day of registration.

ACCREDITED SCHOOLS.

On the last pages of this catalogue may be found a list of schools whose courses of study, after inspection, have been approved by the Faculty. Graduates from these schools will be admitted on certificate to the Freshman class. Should any study which is a necessary pre-requisite to the work of the Freshman classes be lacking, such studies must be taken before the regular required work, but will be credited at their proper value as college work.

THE COURSE OF STUDY.

The course of study leading to the degree of Bachelor of Arts extends through four academic years. In the Freshman and Sophomore years most of the work is required. It includes English, mathematics, history, laboratory sciences and languages,—studies that are the necessary foundation of a liberal education regardless of its later direction and for that reason required of all.

In the Junior and Senior years psychology, ethics and Bible are the only required studies. The remainder of the course is elective and by a judicious selection the student may arrange for himself a very complete course in philosophy, mathematics, natural or physical sciences, ancient or modern languages, or history and economics. In order to maintain unity in this part of the elective course, the choice of electives is subject to the following provision: Counting one hour of work per week for one semester as the unit, not less than forty units of credit must be obtained in not more than two allied subjects. This total may include the required work of the first years.

OUTLINE OF STUDIES.

FRESHMAN YEAR.

Required of all students throughout the year.		HOURS.
Mathematics,	. . . . .	4
French,	. . . . .	3
English,	. . . . .	3
Latin or	{	3
Biology,		
Greek or	{	3
German,		
		<hr/> 16

SOPHOMORE YEAR.

Required of all students throughout the year.		
History,	. . . . .	3
Chemistry, 1, }	. . . . .	4
Physics, 1, }		
		<hr/> 7

Group I is required of those who elected Greek in the Freshman year; others will take Group II.

Group I.

Greek,	. . . . .	3
Latin,	. . . . .	3
One Elective,	. . . . .	3
		<hr/> 9—16

Group II.

German or	{	3
French,		
Two Electives,	. . . . .	6
		<hr/> 9—16

Electives.

Mathematics,	. . . . .	3
English,	. . . . .	3
French,	. . . . .	3
German,	. . . . .	3

JUNIOR YEAR.

First Semester.

Psychology and Ethics,	5
Elective,	11

16

Second Semester.

Psychology and Ethics,	5
Elective,	11

16

SENIOR YEAR.

Bible,	3
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Elective,	13
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16

Elective,	16
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ELECTIVES.

Junior and Senior Years, 1902-1903.

Students must select a major subject. See page 11.

Elective studies will usually be withdrawn if chosen by less than three persons.

PHILOSOPHY.

History of Philosophy,	3
Evidences,	4

History of Philosophy,	3
Logic,	3
Æsthetics,	2
Pedagogy,	3

BIBLE.

Bible,	3
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HISTORY, ECONOMICS, POLITICAL SCIENCE.

History,	3
History,	3
History,	2
Principles of Economics,	3
Political Science, . . .	2

History,	3
History,	3
History,	3
Principles of Economics,	3
Political Science, . . .	2

MATHEMETICS.

Analytical Geometry,	3
Calculus,	3
Surveying,	5
Mathematics 8, 9 or 10,	2

Calculus,	3
Analytical Mechanics,	3
Mathematics 11, 12 or 13,	2

ASTRONOMY.

Descriptive Astronomy,	3
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BIOLOGY.

Histology,	5	Bacteriology,	5
Embryology	5		

GEOLOGY.

Geology,	3
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CHEMISTRY.

Chemistry 2,	4	Chemistry 3,	4
Chemistry 4,	2	Chemistry 5,	2

PHYSICS.

Physics 2,	4	Physics 3,	3
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GREEK.

Drama,	3	Orators,	3
Lyric Poetry,	2	Plato,	2
The Language,	2	Lucian,	2

LATIN.

Latin Literature, . . .	2	Latin Literature, . . .	2
Teachers' Course, . .	3	Teachers' Course, . .	3
Oratory,	2	Catullus and Hymns, .	2

FRENCH.

French 3,	3	French 4,	3
French 5,	3	French 6,	3

GERMAN.

German 1,	3	German 2,	3
German 3,	3	German 4,	3

ENGLISH.

English Literature, . .	3	English Literature, . .	3
English,	3	English,	3

MUSIC.

Music, 1, 3,	2	Music, 2, 4,	3
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COURSES OF INSTRUCTION.

PHILOSOPHY.

PROFESSOR MERRELL.

I. PSYCHOLOGY. Five hours. First semester. Required of all Juniors.

II. PSYCHOLOGY AND ETHICS. Five hours. Second semester. Required of all Juniors.

The course in Psychology embraces such a systematic study of mental phenomena as to prepare the student for an intelligent pursuit of Philosophy proper, and a clear apprehension of the principles of Ethics, Logic, and Æsthetics. Particular attention is given to the investigation of the facts of the sensibility, and to the phenomena and laws of the will. The first course is based on Porter's Elements of Intellectual Science, with James' Psychology, and Dewey's Psychology for books of reference.

The course in Ethics is studied under two divisions. In the first the philosophical grounds are discussed, and the various systems are compared and criticised. In the second division the principles established in the first are applied to the specific problems of government, rights, and duties. Fairchild's Moral Science is used as a text-book.

III. HISTORY OF PHILOSOPHY. In this course the leading systems of philosophical thought are studied in outline, beginning with the Greek philosophers, and their historical connections and dependencies are carefully indicated. Critical work is required

with the aim of discovering the nature and limits of human knowledge. Weber's History of Philosophy is used as a text-book. Three hours through the year.

IV. THEISM, AND THE LOGIC OF CHRISTIAN EVIDENCES. In this course the grounds of theistic belief are studied, and particular attention is given to the principal antitheistic theories. Attention is directed to the logic of Christian evidences, with the purpose of exhibiting the fact that the acceptance of the facts of the Christian system are proved by the same laws that govern the mind in reaching the conclusions in all of the inductive sciences. Fisher's The Grounds for Theistic and Christian Belief, Wright's The Logic of Christian Evidences, and Wright's Scientific Aspects of Christian Evidence, are used as text-books and books of reference. Four hours. First semester.

V. LOGIC. In this course not only are the forms of reasoning expounded, but the laws are so explained as to teach the pupil the principles and methods of sound thinking. The close relation of this branch to Rhetoric is kept constantly in mind, and the student is guided to an effective command of his powers as a writer and speaker. Minto's Logic Inductive and Deductive is used as a text-book. Three hours. Second semester.

VI. ÆSTHETICS. The course in Æsthetics considers art as an expression of feeling, the formal conditions of art expression, art as the expression of beauty, and a particular study of the arts of form. Brown's The Fine Arts is used as the leading text-book. Two hours. Second semester.

VII. PEDAGOGY. In the courses in Psychology frequent reference is made in a practical way to pedagogical principles as the different phenomena under consideration suggest them; but in the special course the topics are selected and arranged with special reference to the equipment of teachers for their work in the school room. The teacher, the school, discipline, examining, the school building and the care of it, the method of teaching the various studies, the correlation of studies, and similar subjects of everyday importance to the teacher in his work are studied in detail. Three hours. Second semester.

BIBLE.

I. NEW TESTAMENT *a*. A study of the teachings of the New Testament on the great theme of revelation. Steven's The Theology of the New Testament is used as a text-book. Three hours. First semester.

II. NEW TESTAMENT *b*. In this course instruction is given concerning the origin and history of the New Testament writings. The books are studied chiefly as distinct wholes, and then attention is given to the process by which they are gathered into one collection. The history of the times is also brought under review. Three hours. Second semester.

HISTORY, ECONOMICS, POLITICAL SCIENCE AND SOCIOLOGY.

MR. MARSTON.

The work in these departments has been arranged to meet the needs of several classes of students. First, those whose principal work lies in other departments of study, but who desire a general introduction to this field. In the second class are those who desire to make a fairly thorough study of these subjects, but do not desire advanced or special courses. The third class embraces those students who desire to pursue a civic-historic course and make as thorough a study of these subjects as can be obtained in an undergraduate course.

Political economy and finance in combination with history and political science, law, and sociology are not only general culture courses, but have for their principal object also the development of the student along those lines which will be most needed in the discharge of his duties as a citizen of the United States. Special attention is also given to those studies which will prepare one for governmental service in our colonial possessions and along all lines of civil service.

Instruction will be carried on by means of lectures, text-books, quizzes, collateral readings, preparation of papers, and examinations.

HISTORY.

I. AMERICAN HISTORY. A general survey of the social and economic, with special emphasis upon political history of the United States. Not open to Freshmen. All other courses in American history must be preceded by course I, or its equivalent. Three hours a week throughout the year.

II. TERRITORIAL EXPANSION OF THE UNITED STATES. A consideration of the western movement in our history from the Atlantic to the Pacific, including our late colonial possessions. Particular attention will be given to the physiography of the country which has produced peculiar results upon the people and their occupation; the part the west has played in our national history; the admittance of new states, their constitutions, and their rise in power; emigration, transportation, etc. Three hours a week throughout the year. Given in 1902-3.

III. AMERICAN COLONIAL HISTORY TO 1783. This course will take up somewhat in detail the development of each of the colonies; their chief political, economic, and social characteristics. Stress will be laid upon the development of the idea of unity. Three hours a week. Second semester. Given in 1902-3.

IV. DIPLOMATIC HISTORY OF THE UNITED STATES. This will be a study of the international relations of the United States from 1775 to the present day, including such topics as the following: treaties relative to American commercial relations between various countries; foundation of a national foreign system in 1775; committee of foreign relations; embassies to Europe; French alliances; Spanish territorial diplomacy; annexation of Louisiana, Oregon, and West Florida; Russia and Behring Sea; Monroe Doctrine; Panama Congress; early Cuban question; French spoliation claims; boundary disputes and settlements; Mexican diplomacy and peace of 1848; Cuban diplomacy; Clayton-Bulwer treaty; Trent affair; diplomacy of the Civil War; Alabama claims; purchase of Alaska; treaty of Washington; Panama and Nicaragua canals; Canadian fisheries; Venezuela question; arbitration; annexation of Hawaii and Philippines. Three hours a week throughout the year.

V. ANCIENT HISTORY. A brief outline of Oriental history, and a more particular study of the history of Greece and Rome. First semester Oriental and Grecian history. Three hours a week.

Va. ROMAN HISTORY. Second semester. Three hours a week.

VI. MEDIEVAL HISTORY. A general survey of the history of continental Europe from the barbarian invasion to the close of the fifteenth century. Three hours a week throughout the first semester.

VII. The RENAISSANCE AND REFORMATION. Particular attention will be given to the Renaissance in Italy. The forces which combined in the great Protestant revolution of the sixteenth century will be studied. The course of that revolution will be carefully examined in all European countries. Open to those who have had course VI. Two hours a week. Second semester.

VIII. MODERN EUROPEAN HISTORY. A general survey extending from the close of the fifteenth century to the present day. Three hours a week throughout the year. Given in 1902-3.

IX. ENGLISH HISTORY. A general survey of the political, social, and economic history of England. Three hours a week throughout the year.

X. ENGLISH CONSTITUTIONAL HISTORY. From the earliest times to the present day. The design of the course is to explain the origin and development of the English institutions. Must be preceded by course IX. Two hours a week. First semester.

XI. THE EASTERN PROBLEM. India, China, and Japan will be given particular attention. The period covered will be the nineteenth century. The chief factors which have gone to make up the Eastern Question will be carefully examined, including questions of geography, race and religion, the policies of the great powers, as well as the interests and ambitions of the minor states most directly concerned. Emphasis will be placed upon the peculiar position occupied by China today in world politics. Three hours a week. Second semester.

ECONOMICS AND SOCIOLOGY.

I. PRINCIPLES OF ECONOMICS. A general course which is introductory to all other courses in economics. Bullock will be

used as an introductory text, followed by Marshall. Three hours a week throughout the year. Given in 1902-3.

II. PRINCIPLES OF PUBLIC FINANCE. A general course on public expenditure, public revenue, and public credit. Three hours a week throughout the year.

III. ECONOMIC PROBLEMS. This course treats in a cursory manner current problems in economics. Such problems as the following will be studied: taxation; free trade and protection; industrial crises; monopoly; trades unions; communism; the railway; industrial federation; workingmen's insurance; factory legislation; co-operation; profit sharing; socialism. Three hours a week throughout the year.

IV. MONEY AND BANKING. History and theory of each. Among the subjects discussed will be the value and functions of money; standards of value; theory of the standard and regulation of paper money; the nature and compositions of the chief currency systems of the world; nature and social functions of banking; natural laws of banking: the chief banking systems of the world; systems of regulation; government notes; clearing houses; foreign exchanges; bimetallism. Three hours a week. First semester.

V. THE ELEMENTS OF SOCIOLOGY. The course aims to be constructive rather than critical. The main purpose will be a rational interpretation of existing society. The course begins with a survey of the structure and development of society; showing the elements of which a progressive society is composed, the forces which manifest themselves in the different stages of its growth. Following this is an examination of the historical aspects which this evolution has assumed; primitive man; elementary forms of society, organization of the family, clan, tribe, state. Circumstances which determine the formation of each; and the relative importance of military, economic, and ethical ideas at successive stages in the growth of society. First semester, two hours a week.

Va. PROBLEMS IN SOCIOLOGY. This course embraces a study of the laws of population; degeneracy; poor relief (private and public); the tenement question; slums; social settlement; the liquor problem; crime; penology; methods of social reform, and

other sociological problems of current interest. Second semester, two hours a week. In 1902-3 this course will be given the first semester.

POLITICAL SCIENCE.

I. THE GOVERNMENT OF COLONIES AND DEPENDENCIES. From the Greek and Roman colonies to the present time. Special attention will be given to the forms of government in the colonies and dependencies of the principal countries of today. Two hours a week throughout the year.

II. HISTORY AND THEORY OF THE STATE. The general principles of political science, its province and problems. The concept of the state at different epochs. Ends of the state; its sphere of authority. Two hours a week. Second semester.

III. UNITED STATES CONSTITUTIONAL LAW. The constitution of the United States will be studied not simply as a document, but at work, and in the light of judicial interpretation. Special attention will be given to the powers of Congress, the restrictions upon the states, the jurisdiction of the courts, and the meaning and scope of the amendments. Open to those who have had course I. in American history. Two hours a week throughout the year.

MATHEMATICS.

PROFESSOR CHANDLER.

I. ALGEBRA. Functions and limits, derivatives, series, logarithms, permutations and combinations, probabilities, theory of equations, graphic solutions. (Taylor's College Algebra, Second Part.) Required of Freshmen in all courses. First semester.

II. TRIGONOMETRY. An elementary course with applications. Plane and Spherical. (Wells.) Required of Freshmen in all courses. Second semester.

III. ANALYTIC GEOMETRY. Plane, with some attention to Higher Plane Curves. (Hardy.) Three hours. First semester.

IV. CALCULUS. An elementary course in Differential and Integral Calculus, with geometrical and physical applications. (Taylor.) Three hours. Second semester.

V. CALCULUS. A continuation of the preceding course with special attention to curve tracing and processes of reduction. Three hours. First semester.

VI. ANALYTIC MECHANICS. A recitation course with numerous examples. (Bowser.) Three hours. Second semester.

VII. SURVEYING. Field practice with compass, level and transit, followed by plotting and calculation of field work. (Hodgman.) Five hours. First semester.

Each of the following courses will ordinarily be offered only in alternate years :

VIII. DESCRIPTIVE GEOMETRY. A brief course. Problems relating to points, lines, planes, solids and surfaces of revolution. (Faunce.) Two hours.

IX. DETERMINANTS. (Weld.) Two hours.

X. PROJECTIVE GEOMETRY. (Reye, Holgate's translation.) Two hours.

XI. DIFFERENTIAL EQUATIONS. (Page's Ordinary Differential Equations.) Two hours.

XII. QUATERNIONS. Vector analysis, straight line and plane, conics. (Kelland and Tait.) Two hours.

XIII. THEORY OF FUNCTIONS. (Durege, Fisher and Schwatt's translation.) Two hours.

ASTRONOMY.

DESCRIPTIVE ASTRONOMY. An elementary course presenting the fundamental facts and methods of astronomy. Requires no mathematics beyond elementary trigonometry. (Young's General Astronomy.) Three hours. Second semester.

BIOLOGY.

PROFESSOR MARSH.

I. INVERTEBRATE ZOOLOGY. In this course typical forms of invertebrates are dissected, notes taken, and sketches made of the results of the work. Such forms are used as the star-fish, earth-worms, cray-fish, mussel, etc. An attempt is made in this term to familiarize students with laboratory methods, and thus furnish a

foundation for the further work in the department of biology. A course of lectures is given on the classification of animals. Three hours. First semester.

II. BOTANY. Work of this course is based upon the manual issued by Arthur, Barnes and Coulter. The time is largely occupied in a careful study of cryptogamous plants. In addition to the technical knowledge of botany which is obtained by this term's work, it is intended also to serve as an introduction to microscopical technique. A course of lectures is given upon the physiology of plants. Three hours. Second semester.

III. VERTEBRATE ANATOMY. The work of this course is based upon a detailed dissection of the cat. Other material is brought in to illustrate the anatomy of the special organs, but nearly the whole time is occupied with the work upon the cat. This is intended to be a thorough introduction to the comparative anatomy of vertebrates. A course of lectures is given on comparative anatomy. [Omitted in 1902-1903.]

IV. HISTOLOGY. The work in this course is based on Schaefer's "Essentials of Histology," and it is intended in the course of the work that the student should gain a good knowledge of animal histology. Special attention is paid to the acquisition of technical skill in preparing tissues, and in making microscopical preparations. Free use is made of a large collection of slides in the laboratory, but the students are required, so far as time will permit, to prepare for themselves the slides which they study. Five hours. First semester. This course is open only to students who have had courses I, II, and III.

V. EMBRYOLOGY. This is a careful study of the early stages of the embryology of the chick; other animals are used to some extent for comparison. Students make most of their own preparations and work out the subject with the constant use of such books as Minot's "Human Embryology," and Hertwig's "Embryology of Vertebrates." Five hours. First semester. Open to students who have had courses I, II, III, and IV.

VI. BACTERIOLOGY. In this course the student is carefully instructed in the ordinary methods of bacteriological research, in-

cluding the preparation of culture media, isolation of bacteria, and the preparation of pure cultures; this work occupies about one-half of the time of the course. In the latter half some special problem is assigned for work, upon which the student is expected to make a careful report. During the last three or four years, these subjects have been connected with the bacteriological analysis of water. This course is especially adapted to students who expect to take up the study of medicine, and it is recommended that no student should elect it who does not have a large amount of time to spend upon it. Five hours. First semester. It is open to those students who have taken courses I, II, III, and IV.

VII. PHYSIOLOGY. This course is intended for students expecting to take up the study of medicine, and the work in physiology is especially adapted to count upon a medical course. [Omitted in 1902-1903.]

Attention should be called to the fact that the full course in biology, as outlined above, corresponds very closely to the ideal course recommended by the faculty of Rush Medical school, for students intending to take up the study of medicine. It should be noticed also that these studies may be accredited as against the studies of medical schools, thus enabling students who intend to take up the study of medicine, to get a credit of between one and two years upon the medical course.

GEOLOGY.

A single term's work is offered in geology. The work is largely based upon a text-book with daily recitations. The text-book in use at present is Scott's Introduction to Geology. Three hours. Second semester.

CHEMISTRY.

PROFESSOR LEAVENWORTH.

I. GENERAL CHEMISTRY. Lectures, recitations and laboratory practice. This course includes a study of the elements of theoretical chemistry and of the non-metallic elements and their compounds. The laboratory work comprises a series of experi-

ments illustrating the principles of stoichiometry, the laws of chemical action and the preparation of such elements and typical compounds as will serve best to show the relation between facts and general principles. Remsen's Inorganic Chemistry. Four hours. First semester.

II. QUALITATIVE ANALYSIS. Pre-requisite I. Lectures recitations and laboratory practice. A study is made of the metallic elements and their compounds, including the metallurgy of the common ores. In the laboratory the reaction of the acids and bases are first studied, followed by their systematic separation and detection in unknown combinations. Leavenworth's Outlines. Four hours. First semester.

III. QUANTITATIVE ANALYSIS, INORGANIC. Pre-requisite I-II. Mostly laboratory practice. This course is devoted to the general principles and practice of volumetric and gravimetric methods of analysis. Cairn's Quantitative Analysis and other texts. Four hours. Second semester.

IV. ORGANIC CHEMISTRY, ELEMENTS. Pre-requisite I-III. Lectures, recitations and laboratory practice. Intended as an introduction to the study of the compounds of carbon. Instruction is given on such classes of compounds as the hydrocarbons, alcohols, ether, organic acids, fats, carbohydrates, etc. Remsen's Organic Chemistry. The laboratory practice covers the preparation of such substances as are included in Orndorf's Manual. Four hours. First semester.

V. MEDICAL CHEMISTRY. Pre-requisite I-III. Recitations and laboratory practice. *a.* Urinalysis. Chemical and microscopical examination of the normal and abnormal constituents of the urine. Long's Urinology. *b.* Toxicology. Devoted to the detection and estimation of the organic and inorganic poisons. Two hours. Second semester.

PHYSICS.

PROFESSOR LEAVENWORTH.

I. GENERAL PHYSICS. Lectures, recitations and laboratory practice. The topics for this course are kinematics, dynamics,

and sound. Required of Sophomores. Four hours. Second semester.

II. Course I continued. Pre-requisite I. Lectures, recitations and laboratory practice. The subjects discussed are heat and light. Four hours. First semester.

III. Pre-requisite I and II. Lectures, recitations and laboratory practice. Subjects studied are magnetism and electricity. The work in the laboratory is quantitative in character. Three hours. Second semester.

Watson's Physics and Sabine's Laboratory Manual or their equivalent are used in these courses.

GREEK.

PROFESSOR ERICKSON.

A. ELEMENTARY COURSE. Designed for students who do not offer Greek for admission. May be taken also as an elective. Five hours through the year.

I. LYSIAS' ORATIONS. Reading of eight orations accompanied by a careful review of the Attic inflections and syntax. Greek composition. Freshman year. Three hours. First semester.

II. HOMER. Reading from the Odyssey. Study of Homeric poetry and of Homeric life. Freshman year. Three hours. Second semester.

III and IV. EURIPIDES' Iphigenia among the Taurians and Medea; Aristophanes' Acharnians; Andocides' De Mysteriis, and one or two of Plato's dialogues. Sophomore year. Three hours.

V. HERODOTUS AND THUCYDIDES. A literary and historical study. The authors will be studied with reference to literary style and historical method. A general study of the history of Athens from the time of the Persian, to the Peloponnesian war, with special study of certain events. [Omitted in 1902-1903.]

VI. ARISTOPHANES. Several plays will be read. Development of Attic Comedy. Life in Athens during the last half of the fifth century. [Omitted in 1902-1903.]

VII. DEMOSTHENES. On the Crown. Study of the larger problems of the period. [Omitted in 1902-1903.]

VIII. THE DRAMA. The reading of representative dramas. A comparative study of the art of Æschylus, Sophocles and Euripides. Scenic antiquities. Three hours. First semester.

IX. ATTIC ORATORS. Selections from the orators preceding Demosthenes. The development of Attic oratory. Athenian legal antiquities. Three hours. Second semester.

X. PLATO AND THE POETS. A study of Greek religious thought with a special study of Plato as its culmination. The class will study in detail the religious ideas of those portions of the Homeric poems and of the dramatists with which they are already familiar and will read selections from Plato, chiefly from the Republic. Informal lectures and discussions throughout the term. Two hours. Second semester.

XI. LUCIAN. Two hours. Second semester.

XII. LYRIC POETRY. Two hours. First semester.

XIII. THE LANGUAGE. A topical study of the moods and tenses. Practice in prose writing. Two hours. First semester.

XIV. NEW TESTAMENT. Two hours.

XV. GREEK ART. See Classical Archæology course II.

CLASSICAL ARCHAEOLOGY AND ANTIQUITIES.

The following courses are intended to supplement the work of the Classical department. They are well illustrated by the use of stereopticon and photographs.

I. GENERAL ANTIQUITIES OF GREECE. As a background for the study of the language and literature, a course of lectures will be given during the Freshman year on such topics as the land and people of Greece, the Mycenæan age, the city of Athens, the acropolis. The lectures will be fully illustrated by lantern slides and photographs, and in this connection the class will read a standard history of Greece.

II. GREEK ART. An outline course. The primary object of this course is to familiarize the student with the important remains of ancient art. Two hours. Second semester.

III. ROME. This course traces the growth of the ancient city from its foundation to the fourth century, and treats in detail

of the following portions: Roman Forum; Capitoline, Palatine, and Aventine Hills; Fora of the Empire; Buildings of the Campus Martius; Triumphal Arches; Thermæ; Tombs, and other buildings and monuments of the Ancient City.

IV. ROMAN PRIVATE LIFE. Lectures are given on the following subjects: The Roman name; the organization of the family; marriage and divorce; children—their nature, amusements and education; slaves, freedmen, clients, and hospitals; houses—their construction, decoration, furnishing; dress; daily and social life; theatre, circus, amphitheatre, and public baths; writing, manuscripts, and libraries; travel; arts and industries; religion; death and burial.

LATIN.

PROFESSOR CLARK.

I. LIVY. Selections from books I and II; or XXI and XXII. Prose Composition. Especial attention is given to syntax and to a study of the subjunctive mood. Prose work based upon the text continues for about half the semester. Selections from I and II will be read in 1902-3. Required of Freshmen. Three hours. First semester.

I *a*. TOPOGRAPHY OF ANCIENT ROME. (See Classical Archæology III.) This course accompanies course I when books I and II of Livy are read. Open, without credit, to all the students of the college. First semester.

I *b*. ROMAN PRIVATE LIFE. (See Classical Archæology IV.) This course accompanies course I when books XXI and XXII of Livy are read. Open, without credit, to all students of the college.

II. HORACE. Odes and Epodes. Studies in the neighborhood of Rome. Three hours. Second semester. Required of Freshmen.

III. TACITUS AND MARTIAL. Germania and Agricola; or Agricola and selections from the Annals. Selections from Martial at sight. Required of Sophomores, elective for others. Three hours. First semester. (The *De Natura Deorum* of Cicero will be substituted for Tacitus in 1902-3.)

IV. CICERO. Some one of the philosophical works. In 1903 the *De Officiis* will be read, with discussions upon the teachings of Cicero. Required of Sophomores, elective for others. Three hours. Second semester.

V. SATIRE. Selections from Juvenal, Horace, and Persius. Three hours. First semester. Elective. [Omitted in 1902-3.]

VI. COMEDY. Selected plays of Plautus and Terence. Rapid reading course. Elective. Three hours. Second semester. (Omitted in 1903.)

VII. LATIN LITERATURE. The work includes (1) the translation of many selections from the works of the chief authors from Plautus to Gellius, with especial attention to inscriptions and fragments of old Latin; (2) the mastery of the Primer of Latin Literature; (3) the preparation of a paper upon some topic connected with the work. The Primer will be supplemented by a course of lectures upon the History of Roman Literature. Texts, Smith's Latin Selections; Wilkin's Primer. Elective. Two hours through the year. [Omitted in 1903-4.]

VIII. LATIN LITERATURE. Continuation of VII. Elective. Two hours. Second Semester. [Omitted in 1904.]

IX. TEACHERS' COURSE. The aim of the course is to assist those who are planning to teach Latin in the high schools. Lectures will be given upon Latin Grammar, Roman Antiquities and Mythology. Considerable attention will be given to Latin writing. All of the more important questions in syntax will be carefully studied in connection with a review of Cæsar, Cicero, Sallust, Ovid, and Vergil. Students will, for the most part, take charge of the recitations, criticisms will be offered freely upon the methods employed in the class, and informal talks will be held upon matters pertaining to the profession of teaching. An attempt will also be made to make all members of the class familiar with the leading texts in Secondary Latin. For this purpose all of the leading editions of secondary Latin books including Beginners' Books, Grammars, Mythologies, etc., will be found in the Department Library and will be of peculiar value to those who are about to teach Latin. It will be the intention of the instructor to make the Teachers'

Course serve as a fitting close to the other work offered in the department. Open only to Juniors and Seniors who have had the Latin of the Freshman and Sophomore years, including Ia and Ib, and course VII. Given in 1902-3 and 1903-4, but after that only on alternate years. Elective. Three hours throughout the year.

X. TEACHERS' COURSE. Continuation of IX. Elective. Three hours. [Given in 1902-3 and 1903-4.]

XI. ORATORY. Cicero (Brutus), Quintilian (selections from books X and XII), Tacitus (Dialogues). Elective. Two hours. First semester. [Omitted in 1903-4.]

XII. CATULLUS AND LATIN HYMNS. Selections. Elective. Two hours. Second semester. [Omitted in 1904.]

XIII. ROMAN LETTER-WRITING. Selected letters of Cicero, Pliny and Marcus Aurelius. Elective. Two hours. First semester. [Omitted in 1902-3.]

XIV. LUCRETIVS. Books I-III. Elective for Seniors. Two hours. Second semester. [Omitted in 1903.]

FRENCH.

MISS HARWOOD.

I. ELEMENTARY FRENCH. Andre Beziat de Bordes' Elements of French. Grammar and prose composition in connection with reading. Required of Freshmen. Three hours. First semester.

II. COURSE I CONTINUED. Second semester.

III. NINETEENTH CENTURY AUTHORS. Composition. Three hours. First semester.

IV. SEVENTEENTH CENTURY AUTHORS. One or two works each from Corneille, Racine. Moliere; composition and review of grammar; assigned reading to supplement the class work. Three hours. Second semester.

GERMAN.

MISS HARWOOD.

I. DRAMA. (Freitag, Lessing, etc.); or advanced prose reading; prose composition. Three hours. First semester.

II. GOETHE. Composition and review of grammar. Three hours. Second semester.

NOTE.—Clubs are formed in both French and German, which meet for an hour in the evening on alternate weeks, for additional practice in conversation and reading.

ENGLISH.

PROFESSOR SHEARIN.

I. FRESHMAN COURSE. Three hours. Required. Shakespeare and Victorian Literature. The study of five of the plays of Shakespeare; readings from Carlyle, Ruskin, and Matthew Arnold; Tennyson's *Idylls of the King*; some of the shorter poems of Browning; selections from Palgrave's *Golden Treasury of Songs and Lyrics*. Exercise in expression throughout the year.

II. SOPHOMORE COURSE. Three hours per week. English Literature from its beginning to the Victorian Period. By means of lectures, translations and readings from the desk, a general view of Pre-Chaucerian English will be obtained. The study of selected portions of Chaucer, Spenser, The Elizabethan Dramatists, Bacon, Milton, (*Paradise Lost* and *Areopagitica*); Dryden, Pope, Addison, Thomson, Swift, Johnson, Goldsmith, Sheridan, Cowper, Burns, The Ballads, Coleridge, Byron, Keats, Shelley, Leigh Hunt, Scott, Wordsworth, etc. Exercise in expression throughout the year.

V. SHAKESPEARE AND THE ELIZABETHAN DRAMA. Through the year. Two hours.

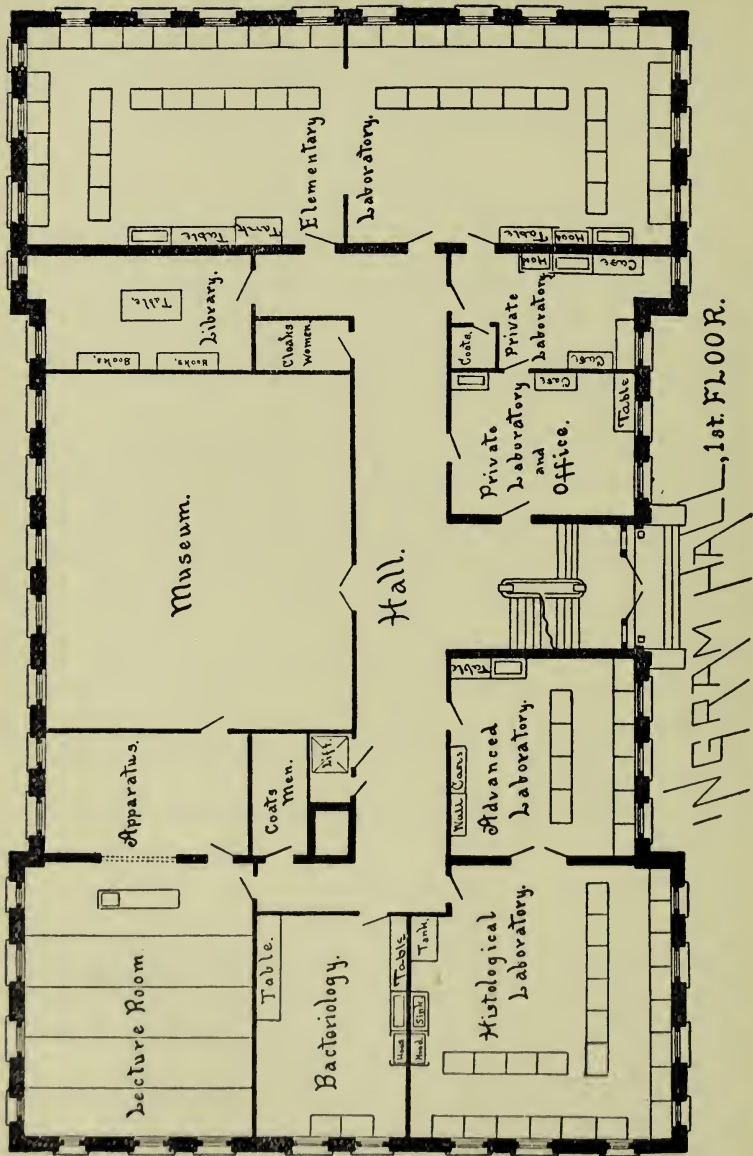
VI. MILTON AND HIS CONTEMPORARIES. Through the year. Two hours.

MUSIC.

PROFESSOR LANE.

Advanced courses in Music, including Harmony and History of Music, as given in the description of the work of the Conservatory, are credited as College electives. But not more than two hours per week for two years will be accepted.

The glee clubs afford opportunity for vocal training for students of sufficient ability.



GENERAL INFORMATION.

DEGREES.

The degree of Bachelor of Arts is conferred by the Board of Trustees, on recommendation of the Faculty, upon those students who have completed the course of study.

The degree of Master of Arts may be conferred upon any graduate of this college, or of any other college offering substantially equivalent courses, who shall have completed an approved course of non-professional study sufficient to constitute an additional year of college work, one-half of which, at least, is in a single department or in closely allied departments. This work may be done during one year in residence at the college or, in the case of graduates of this college, during two years of non-residence. Examinations in all the work of the approved course are required, and a satisfactory thesis upon some subject connected with the leading department of the course must be presented at least one month before the close of the college year. Fees for all special examinations and the usual fee for the diploma are required.

TERMS AND VACATIONS.

The year is divided into two terms of eighteen weeks each. The first term of the present year begins on Wednesday, September 24th and the year ends Wednesday, June 24th. There are two vacations, one of two weeks at Christmas time and another of one week beginning with Easter Sunday.

RELIGIOUS SERVICES.

College prayers are held at nine o'clock on each school day. Students are expected to attend this service and to attend worship on Sunday at one of the churches of the town.

The college branch of the Young Men's Christian Association holds regular meetings on Sunday afternoon at four o'clock, in the Association room in West Building. At the same hour the Young Women's Christian Association meets in the parlors of Bartlett Cottage. On Tuesday evening a general prayer meeting of students and faculty is held in the chapel.

Bible and mission study classes are maintained throughout the year.

PHYSICAL CULTURE.

During the winter months the gymnasium offers ample opportunity, under proper supervision, for physical training. Classes are formed in general calisthenics and also special classes to meet specific needs. Moreover every effort is made to encourage athletic games and to emphasize the importance of regular outdoor exercise. Basket-ball is played by the young women, but only those who have a satisfactory health record are permitted to play in any regular game.

ATHLETICS. The students, organized as the College Athletic Association, have always had control of athletics, the maintenance of athletic teams and the selection of officers. However, in order to secure greater steadiness, and better business methods in the management of athletics, general supervision of such matters has recently been put into the hands of a committee of three, representing students, alumni and faculty. At the request of the students a fee of seventy-five cents per semester is collected by the College Treasurer, who is also treasurer of the Association, for the support of athletics. Ingalls Park, the college athletic field, contains a covered grand-stand, a good quarter-mile track, and an abundance of level ground for foot-ball, base-ball and other games.

PRIZES.

THE JAMES PRIZES.

These prizes are paid from the interest of a fund of \$1,500, given by Mrs. John W. James, of Boston, for the encouragement of English Composition in the college.

There have been established three Freshman prizes of \$10, \$6 and \$4, respectively; three Sophomore prizes of \$15, \$10 and \$5,

respectively; and three Junior prizes of \$20, \$12 and \$8, respectively.

The Freshman prize will be awarded for clearness and correctness in style, and for excellence in punctuation, sentence making, and paragraphing, as exhibited in the manuscripts of the Freshman year English exercises.

The Sophomore prize will be awarded for the best Essays upon subjects prescribed by the Professor of English. These essays will be considered with special reference to extent of research, accuracy of statement, and correctness and clearness of style.

The Junior prizes will be awarded for the best Essays upon subjects chosen by the writers. These exercises will be considered with special reference to the understanding of the subject, freshness of the thought, and method and skill in the presentation of the same.

The qualities which are required in the Freshman Essays will be taken into consideration in awarding the Sophomore and Junior prizes also. All Sophomore and Junior Essays must be deposited with the President on or before six p. m. on the first Saturday after the Easter recess. Before the day appointed for receiving the essays the competitors must register their names with the Professor of English. Each Sophomore or Junior essay is limited in length to three thousand words. Each essay must be signed with a fictitious name, and this fictitious name must be subscribed on a sealed note containing the writer's real name, and this sealed note must also be deposited with the President. No essay is to be handed in which has previously been used in meeting any rhetorical appointment.

No student conditioned in English exercises can compete for the James Prizes. No prize will be awarded for inferior work.

THE LEWIS PRIZE.

This prize was established by Hon. J. T. Lewis, of Columbus.

The annual income of a fund of \$200 will be given to the student who shall hand in the best set of notes on the Biological work of Freshman year. But the prize will not be awarded for inferior work.

THE CLASS OF 1896 PRIZE.

The income of the Memorial Prize Fund of the Class of 1896 amounting to about \$20, will be awarded to the successful contestant in a declamation contest between members of the Junior class.

THE MATHEMATICAL PRIZES.

The following prizes are offered by a friend of the college : One of \$10 for excellence in the required mathematical work of the Freshman year, and one of \$15 awarded at the close of the Sophomore year for practical knowledge of the required mathematics of the Scientific course.

AWARD OF PRIZES.

1900—1901.

THE JAMES PRIZES.

JUNIOR.

Harriet E. Lehman.

Josie B. Beebe.

John D. Jones.

SOPHOMORE.

Clement C. Blakely.

Jo Lana B. Cate.

Warren H. Barber.

FRESHMAN.

Clara A. Bloom.

Jessie Mc Dermid.

Julia H. Merrell.

THE LEWIS PRIZE.

Charles W. Holbrook.

IN MATHEMATICS.

SOPHOMORE.

Edith B. Chandler.

FRESHMAN.

Conrad Vandervelde.

1901—1902.

THE JAMES PRIZE.

JUNIOR.

Laura A. Meier.

Margaret A. Abel.

Caroline Madge Morse.

SOPHOMORE.

Jessie Mc Dermid.

Second and third not awarded.

FRESHMAN.

John A. Powell.

Charles W. Holbrook.

Jennie M. Owens.

THE LEWIS PRIZE.

Divided between

Katherine L. Hoyt,

Jennie M. Owens.

IN MATHEMATICS.

SOPHOMORE.

William A. Lamb.

FRESHMAN.

Divided between

Ferdinand Reichmuth,

S. Ray Scholes.

STUDENT ORGANIZATIONS.

LITERARY SOCIETIES. There are two literary societies in the college: one for women of both the College and Preparatory schools, and one for the men of the College. A third society is maintained by the men of the Preparatory school. These societies have well furnished halls, and afford their members valuable means of voluntary improvement.

THE COLLEGE DAYS. The students publish the usual college paper, called *The College Days*. It is published by a board of editors selected by the literary societies, and represents the literary and social activities of the College.

THE ORATORICAL UNION. Ripon College is one of the three colleges constituting the State Oratorical Association. In the selection of contestants and in all official dealing with the state society, the students are represented by the local Oratorical Union. All students are eligible to membership.

LIBRARY.

The main library has commodious quarters in Ingram Hall. The collection consists of over eleven thousand catalogued volumes and several thousand works of a miscellaneous character.

The libraries for the departments of biology, physics and chemistry are located in Ingram Hall, and those for Greek, Latin, history and economics are installed in the rooms occupied by those departments.

The library is catalogued both by authors and subjects according to the latest approved system. It is well supplied with works of reference and nearly complete bound sets of the standard magazines.

In order to encourage the use of the facilities of the library, tables are provided for consultation and investigation, and the students have free access to the alcoves.

Through the generosity of a number of graduates of the college and of friends, there has recently been expended a considerable sum of money which has greatly enriched the library in material directly available for use in the several departments. Books

may be drawn each week day under suitable regulations. Students also are privileged to draw books from the public library of the city.

The reading room is well supplied with daily and weekly newspapers in English, German and Welsh, as well as with the leading periodicals. It is open daily from 7 a. m. to 8 p. m.

LABORATORIES.

Ingram Hall, named in honor of O. H. Ingram, Esq., of Eau Claire, is devoted to the use of the scientific departments of the college. It is a large building—73x121 feet—having three stories and a commodious basement, and is admirably adapted in every way for the uses for which it was designed. The first story and a part of the basement are utilized for the department of Biology. In the second story is located the department of Physics, and the third story contains the department of Chemistry. Each department has a large and conveniently arranged lecture room. There is also a room upon each story for the storage and display of museum preparations. The zoological collections are upon the first story, the botanical and geological upon the second, and the mineralogical upon the third story. Ample storage rooms are supplied in the basement and in the attic.

THE BIOLOGICAL LABORATORIES.

The laboratories are convenient, thoroughly lighted rooms, and so large that a table can be assigned to each student for his exclusive use through the entire term. The equipment in the way of apparatus is ample; there is an abundant supply of microscopes, cameras, etc., of the best German and American makes, and all necessary glassware is present for the various courses. The bacteriological laboratory is supplied with various sterilizers, incubators, etc., which are necessary for that work. In addition to the tanks in the laboratories for living animals and plants which are under observation, there is, in the basement, a Vivarium, in which are kept such animals as are necessary for laboratory uses. In connection with the Vivarium is an Injection Room, where the material for laboratory use is prepared. On the same floor with the laboratories, and conveniently reached, is a library room, in

which is kept the working library of the department. This is a carefully selected list of books, to which additions are being made constantly, and supplies the student with all needed literature.

THE CHEMICAL LABORATORIES.

The general laboratory is equipped with thirty-five desks that are supplied with lockers, gas and water. The qualitative laboratory is similarly provided for and accommodates twenty students. The quantitative laboratory has desk room for sixteen, and adjoining this is a large balance room. All laboratories are supplied with hoods. In addition to these the department has a laboratory for the professor in charge, a private laboratory, preparation and storage rooms and a library room. An assaying room is arranged for in the basement. The department is well equipped with apparatus for all the courses offered.

THE PHYSICAL LABORATORIES.

A spacious laboratory for work in general physics, lecture room, photometric room, two laboratories for advanced work, preparation room, balance and dark rooms, a private laboratory and library occupy the second floor. In the basement a large room is reserved for work in electricity which is provided with piers of masonry. A forty foot suspension shaft is arranged for pendulum observation. All laboratories are supplied with hoods, sinks, water and gas. Ample facilities are offered for work in several branches of pure physics.

LOCATION.

Ripon is one of the most attractive residence cities in the state of Wisconsin. It is located on a gravelly soil at such an elevation as to have almost perfect drainage. The result is that the city has a remarkable record for healthfulness. Diseases connected with poor drainage are entirely unknown. The water supply is exceptionally pure, and the city is supplied with an admirable system of sewers. It is easily reached from any part of the state by way of either the Chicago & North-Western or the Chicago, Milwaukee & St. Paul railways. The college campus is in the most elevated part of the city and its buildings command extensive and beautiful views of the surrounding country.

EXPENSES.

Tuition, per semester,	\$10 50
Incidental Fee,	9 00
Fee for Athletics,	75

LABORATORY FEES.

Zoology, Vertebrate Anatomy, Advanced }	\$2 to \$3 00
Botany, Biology, Histology and Physics, }	
Bacteriology and Embryology,	7 50
Chemistry, four hour course,	6 00
Chemistry, two hour course,	3 00

ROOM RENT.

Room rent in West College,	2 25 to 3 50
Room rent in Bartlett Cottage, including heat—	
First and Second floors,	18 00
Third floor,	12 00
Board in College Hall,	40 50
Board and furnished room, in private families,	
about,	72 00

Incidentals is a charge made to defray the expense of library, gymnasium, warming and lighting the halls and public rooms, and of janitor service.

All charges must be paid or satisfactory arrangements made with the Treasurer within two weeks after joining the institution.

If for good reasons a student leaves before the middle of the term, one-half of his fee will be refunded.

THE DORMITORIES.

BARTLETT COTTAGE. Named in honor of the late Sumner Bartlett of Oshkosh, furnishes an admirable home for the young ladies of the institution. The rooms are large, pleasant, and sunny, and the building is supplied with such modern conveniences as steam heat, bath-room, etc.

DAWES COTTAGE. Named in honor of the Hon. William Dawes of Milwaukee, is situated just off the college campus, and is designed for the use of women students who desire to reduce the cost of living by boarding themselves. Application for room in Dawes Cottage should be made before August 15.

MIDDLE COLLEGE.—The rebuilding of Middle College as a modern dormitory for men is now in progress. It will be built after the latest and most approved type, and will be furnished with hot and cold water, steam heat, hardwood floors, etc.

The building will be ready for occupancy during the fall term. Until it is ready rooms will be provided elsewhere.

WEST COLLEGE.—The upper floors of West College afford very comfortable quarters for young men at a small expense.

The prices given above for rooms at Bartlett Cottage and in West College are made on the assumption that two students will occupy the same suite.

Rooms in West College are unfurnished. Rooms in Bartlett and Dawes Cottages are partly furnished. For further information address the Dean of Women.

SELF HELP.

Young men who need it may generally find remunerative employment for an hour or two a day, but the College does not agree to furnish it. No person should expect to pay the whole or a very large part of his expenses by his own labor, and still to complete the course within the usual time. Those who wish an education, and are willing to work for it, are invited to correspond with the Faculty, stating their circumstances and plans.

THE RUFUS DODGE FUND.

The late Rufus Dodge of Beaver Dam, left the college a legacy of \$9,000 as a permanent fund to aid young women of limited means in getting their education. The interest of this fund will be annually distributed among such students for this purpose, according to their need.

PERMANENT SCHOLARSHIPS.

Three permanent scholarships have been founded for the benefit of young men of limited means. The income from these is applied annually in payment of the tuition of those whom the President may designate as proper persons to receive it. Several young men may thus have financial aid.

CONSERVATORY OF MUSIC.

The aim of this institution is to impart a high-grade and thorough musical education. The course of instruction is modelled principally after that pursued in the Conservatories of Europe, and will be so complete as to render further Conservatory instruction unnecessary;—at a cost very much lower than the ordinary,—under refined and elevating influences. The Diplomas of this Conservatory are already prized, and we earnestly hope that the citizens of this state, desiring for their sons and daughters a liberal musical education, will bestow their patronage here.

COURSES OF STUDY.

Five complete courses of study are offered :

1. A course in Piano.
2. A course in Pipe Organ.
3. A course in Voice Culture.
4. A course in Violin.
5. A course in Science and Theory of Music.

These courses are organized in two distinct departments of study : 1, Introductory Course, or General Musical Instruction; 2, Course Leading to Diploma.

I. INTRODUCTORY COURSE, OR GENERAL MUSICAL INSTRUCTION.

This course is open to anyone wishing to pursue elementary musical study, or to prepare for the more advanced courses offered. No previous knowledge of music is required. Students may choose any one or as many of the studies offered as desired ; but may not register for less than one term. No diploma will be given in this course, but students who have done creditable work will be given certificates stating the amount of work accomplished.

II. COURSE LEADING TO DIPLOMA.

Course II is open to any person who is qualified to pursue advanced musical study. Students taking this course are required to pursue the study of Harmony and Musical History in connection with their main work (Piano, Voice Culture or Organ). No stated time for graduation can be set apart, as the varied needs of different pupils, and the demands of individual development exclude the possibility of defining the length of a period of study that shall govern all cases. This course embraces five distinct lines of musical work: Instrumental—Piano, Organ and Violin,—Vocal, and Theoretical. All students must take some work in Piano to graduate, and must have the equivalent to a high school education.

COURSE IN PIANOFORTE.

“This course,” as Von Buelow remarks, “includes all, from the beginner to the virtuoso.”

After mastering the rudiments, for which we use Lebert and Stark's Piano School, Part I, the course is as follows:

I. (A.) Aloys Schmitt, Studies. (Mendelssohn studied these.) (B.) St. Heller, Op. 45.

II. (A.) Cramer's Studies, Buelow Edition. (B.) Heller, Op. 46. (C.) Czerny, Velocity Studies.

III. (A.) Clementi's *Gradus ad Parnassum*, Tausig's Edition. (B.) Moscheles, Op. 70.

IV. (A.) Henselt's Studies, Op. 2. (B.) Haberbier, *Etudes Poesies*.

V. Chopin's Op. 10 and Op. 25.

Beginning with grade III, the study of Bach's Well-Tempered Clavichord is commenced and continued, as also Joseffy's Daily Studies, and other technical work, scales, etc. Compositions by Beethoven, Mozart, Schubert, Chopin, and the more modern composers will be given constantly during the course.

The above course will be required for graduation, (together with Harmony and Theory, as will be explained later.)

POST-GRADUATE COURSE.

A post-graduate course will be given to any who desire it, which will still farther advance their artistic skill. Special attention will be paid to Liszt, Tausig, Chopin and Rubinstein.

PIPE ORGAN.

To meet the growing demand for especially educated organists, particular attention will be given to the development of the Pedal Technique, and the acquiring of a complete mastery of the Art of Registration, as well as a thorough knowledge of the nature and structure of the organ. It is the aim of this department to prepare the pupil both for practical organ work in all the Church Services, and for Concert work.

Students desiring to study the organ should be as far advanced as possible in piano playing.

The following is an outline of the work in this department :

Pedal Studies by Buck, Thayer, Schneider, etc.; Studies in Registration; Rinck's Organ School; Bach, Selected Preludes and Fugues; Mendelssohn, Sonatas and Preludes; Selections from Merkel, Guilmant, Salome, Rheinberger, etc.

VOICE CULTURE AND SINGING.

The object of the Vocal Department is to furnish the best facilities for the development of vocalists for chorus and solo singing, and to give students voice culture in its relation to song and speech.

Especial attention is given to a correct position of the body in singing; a healthy and skillful management of the breath; the production of a clear, full, and resonant tone, free from the throat; distinct enunciation; the art of phrasing correctly, and the development of a refined musical taste.

Applicants for admission to this department must be familiar with musical notation, must be able to reproduce any given tone, and to sing from memory some little melody. The ITALIAN Method is used. The following is the outline of the Vocal Course :

Studies by Concone, Vaccaj, Marchesi, etc., with the songs of Schubert, Mendelssohn, and Arias from the Oratorios and Operas, as well as Ballad-Singing.

COURSE FOR VIOLIN.

I. De Beriot's Instructor; Blumenstengel's Studies in Scales; and easy lyrical pieces by modern composers.

II. Keyser's Etudes, Op. 20; Dont, Op. 38. Easy Sonatas by Schubert and Schumann. Solo pieces in different positions.

III. Kreutzer; Fiorillo; Schradieck's technique; Sitt's scales; Sonatas by Mozart; Concertos by Sitt; Kreutzer, Rode and Viotti.

IV. Rode; Dancla; Garinies; Alard. Beethoven Sonatas; Concertos and concert pieces by De Beriot, Spohr, Vieuxtemps, Wieniawski, David, and the standard works of the masters.

From the first, students will be required to play in ensemble.

Special attention is given to a correct and graceful position, good tone and a sure technique.

SCIENCE AND THEORY OF MUSIC.

This course is designed for those who wish to pursue the study of music from a theoretical, historical, and critical standpoint, and can be carried, if desired; in combination with other work of this or other departments of the College. It includes the following branches :

Harmony and Elements of Musical Composition; Musical Form, and Analysis of classical masterpieces; Musical History and Biography; Acoustics, or the Physical Basis of Music; Musical Æsthetics.

Topics for essays are assigned each term.

Students taking this course must be able to at least play the piano to a certain extent.

HARMONY.

While those not working for a diploma are not required to take Harmony, such students are strongly urged to do so, and as early in their course as possible; as no pupil who aspires to become an intelligent musician in fields of either vocal or instrumental music can afford to be without a knowledge of the materials with which the composer works—i. e., the principles of harmony, the laws of musical form and structure. This knowledge brings the pupil more closely in contact with the thought and meaning of

the great masters in music, so that it becomes an indispensable aid in their study and interpretation.

Students of the Sophomore or more advanced classes in the college are allowed to elect the work in Harmony and Musical History as shown in the Courses of Study, and will be credited with them, if so elected. Weitzman's Manual of Musical Theory is used as a text-book.

CLASSES IN SIGHT SINGING.

Classes in Sight Reading will be organized and continued throughout the year. The object of these classes—for both children and older pupils—is to acquire the ability to read simple music at sight and to become acquainted with the elemental ideas of Harmony. The fee for classes in Sight Reading is five dollars per term.

Mention should also be made of the admirable series of concerts given under the auspices of the Conservatory of Music, in all of which artists of fine attainments and extended reputation have appeared, thereby giving unusual advantages for hearing the best music.

METHOD OF INSTRUCTION.

Instruction will be given either to individual pupils or to classes of two. It is recommended that piano students, until well advanced, take in classes of two, as by so doing each pupil has the opportunity of studying a wider range of works, of listening to double criticism and, by observation, of acquiring the elemental methods of teaching.

FREE ADVANTAGES.

1. Piano Recitals.
2. Organ Recitals.
3. The Pupils Rehearsals.
4. Lectures before the School on History of Music, Physiological Acoustics and kindred subjects. Systematic courses of reading in musical literature will be mapped out for the students of the School.

TUITION.

The following are the rates of tuition :

FALL TERM.

PIANO, VOICE CULTURE OR VIOLIN.

One period per week, private,	\$18 00
Two periods per week, private.	28 00
Two periods per week, in classes of two, each, .	23 00

PIPE ORGAN.

One period per week, private,	\$25 00
Two periods per week, private,	40 00

WINTER OR SPRING TERM.

PIANO, VOICE CULTURE OR VIOLIN.

One period per week, private,	\$16 00
Two periods per week, private,	26 00
Two periods per week, in classes of two, each .	22 00

PIPE ORGAN.

One period per week, private.	\$20 00
Two periods per week, private,	35 00

HARMONY AND MUSICAL COMPOSITION.

In classes of four or more students, per term, .	\$ 8 00
Piano practice one hour a day, per term, . .	3 00

COURSE IN SCIENCE AND THEORY OF MUSIC.

Four periods a week, two in class, each, per term, .	\$25 00
Four periods a week, four in class, each, per term, .	15 00

MUSICAL HISTORY.

Class of four, each, per term,	\$10 00
Less than four, each, per term,	15 00

GENERAL INFORMATION.

1. Non-resident music students are under the same regulations as students in other departments of the institution, and are under the control of the Faculty in regard to the places at which they shall board or have rooms.

2. Names must be registered with the Director and one-half of the term's tuition paid before lessons are assigned. The second half must be paid in the middle of each term.

3. Pupils are not received for a shorter period than one term, except by special permission of the Director.

4. All practice must be done in the Conservatory rooms, unless the Director consents to other arrangements.

5. No deduction is made for absence from lessons, except in cases of protracted illness, in which case the School will share the loss equally with the pupil.

6. No student is allowed to take part in any public musical performance without the consent of his teacher and the Director.

7. In every case where it can be done conscientiously, pupils will be cheerfully recommended for positions as teachers and organists.

8. All pupils are required to be present at each and every recital, concert and lecture unless excused by the Director.

9. Pupils leaving the college or town during lesson hours must be excused from those lessons by the Director.

10. All sheet music, studies, music books, etc., must be procured from the Director.

SCHOOL OF DRAWING AND PAINTING.

The instruction in this department is based upon the methods employed in the best Art Schools of New York.

PREPARATORY COURSE.

DRAWING.

From the cast and from nature with charcoal, pen and ink, crayon, chalk, and pencil as mediums.

When a student completes three acceptable drawings in pencil, pen and ink, and crayon, from still life or nature; and three from the cast in charcoal he completes the preparatory course and works from life.

ADVANCED COURSE.

Work from life, using black and white or colors. Also painting from nature using watercolor, oil or pastel.

ILLUSTRATION.

For those desiring instruction for illustrating a special course in charcoal is given. Also work from nature in black and white, or colors.

Special work given for those desiring to teach.

One hour a week of Art History is required of all entering the course.

TUITION.

PER TERM.

One day per week, \$ 7 00

Two days per week, 14 00

Four days per week, 24 00

One-half of the term's tuition must be paid at the beginning of each term, and the second half in the middle of each term.

No deduction is made for absence from lessons, except in cases of protracted illness, but lessons may be made up, if arrangements can be made with the instructor.

Pupils are not received for a shorter period than one term except by special arrangement.

THE ACADEMY.

It is the work of the Academy to prepare young men and women for college. And while the course of study is arranged to furnish the most direct preparation possible for entrance to Ripon College, it, at the same time, meets the requirements for admission to the best colleges.

The Faculty of the College supervise all matters of instruction and government in the Academy, but the administration of its affairs is the duty of the Principal, who has a personal oversight of the students and their work.

Students of the Academy enjoy many of the privileges of the College—the use of the same libraries, laboratories and gymnasium;—and yet have interests separate from it. They maintain their own literary society, and their athletic and debating teams.

To enter the Junior class the student must be proficient in English grammar, geography, arithmetic, United States history and civil government.

EXPENSES.

Academy students are charged the same as students in the college for tuition, incidental fees, fee for athletics, room rent in the dormitories and for board at College Hall. The only laboratory fee is in elementary physics, one dollar each semester.

OUTLINE OF COURSE.

JUNIOR YEAR.

First Semester.		Second Semester.	
Latin,	5	Latin,	5
Algebra,	5	Algebra,	5
Physical Geography,	5	Botany,	5

MIDDLE YEAR.

Latin,	5	Latin,	5
Physics,	3	Physics,	3
English,	3	English,	3
Greek, or }	5	Greek, or }	5
German, }		German, }	

SENIOR YEAR.

Latin,	5	Latin,	5
Geometry,	4	Geometry,	4
History,	2	History,	2
Greek, or	5	Greek, or	5
German, }	4	German, }	4
Drawing, }	1	Drawing, }	1

Persons desiring further information in regard to the Academy are requested to call on the Principal.

STUDENTS.

M. C. denotes Middle College. W. C. denotes West College.
 B. C. denotes Bartlett Cottage.

COLLEGE.

SENIOR CLASS.

Batty, Foster John,	Glen.	Economia.
Beebe, Joanna Belle,	Princeton.	15 B. C.
Hall, Henry Storrs, *	Russell, Kas.	Dr. Hall's.
Hayden, Arthur Gunderson, . . .	Pittsburg, Pa.	
Jones, John Daniel,	Wild Rose.	Mrs. Tracy's.
Lehman, Harriet Evelyn,	Neosho.	Miss Harris's.
Nohl, Wanda Laura,	Ripon.	Mr. Nohl's.
Wright, Luther Lamphear, . . .	Ironwood, Mich.	

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JUNIOR CLASS.

Abel, Margaret Agnes,	Berlin.	22 B. C.
Barber, Warren Howard,	Wauwatosa.	24 M. C.
Batty, Arthur Joseph,	Glen.	31 M. C.
Bruins, Dirk,	Brandon.	19 M. C.
Cate, Jo Lana Belle,	Auroraville. . . .	Dawes Cottage.
Chandler, Edith Beatrice,	Ripon.	Professor Chandler's.
Clawson, Flora Lucina,	Dartford.	7 B. C.
Congdon, Russell Thompson, . . .	Ripon.	31 M. C.
Duffie, Allen Harwood,	Ripon.	Mr. Duffie's.
Griffith, Robert William,	Ripon.	25 M. C.
Meier, Albert Guido,	Franklin.	27 M. C.
Meier, Laura Angelica,	Franklin.	21 B. C.
Morse, Caroline Madge,	Princeton.	19 B. C.

* Deceased.

SOPHOMORE CLASS.

Bloom, Anna Elizabeth,	. . . . .	Neenah.	. . . . .	11 B. C.
Bloom, Clara Anabel,	. . . . .	Neenah.	. . . . .	11 B. C.
Clawson, Arthur Brooks,	. . . . .	Dartford.	. . . . .	Miss Harris's.
Davies, Howell David,	. . . . .	Oshkosh.	. . . . .	27 M. C.
Davis, Eva Floy,	. . . . .	Ripon.	. . . . .	Mrs. Davis's.
Dawley, Erwin Couch,	. . . . .	Antigo.	. . . . .	Miss Harris's.
Edleblute, Lucius Aaron,	. . . . .	Sheboygan.	. . . . .	1st Nat. Bank.
Hagopian, Hovhan,	. . . . .	Van, Armenia.	. . . . .	Mr. Gilder's.
Hargrave, Robert Oliver,	. . . . .	Ripon.	. . . . .	Mr. Hargrave's.
Jones, David Breese,	. . . . .	Cambria.	. . . . .	29 M. C.
Koehler, Albert,	. . . . .	Bangor.	. . . . .	1st Nat. Bank.
Kutchin, Victor Sherwood,	. . . . .	Dartford.	. . . . .	Miss Harris's.
Lamb, William Ash,	. . . . .	Roberts.	. . . . .	Dr. Barnes's.
Mc Dermid, Jessie,	. . . . .	Ripon.	. . . . .	Mrs. Mc Dermid's.
Merrell, Julia Hosford,	. . . . .	Ripon.	. . . . .	Prof. Merrell's.
Newschwander, Edgar Storrs,	. . . . .	Green Bay.	. . . . .	27 M. C.
Sanford, Marie Emma,	Ripon.	Mr. Sanford's.
Stewart, James Russel,	Barrie, Ont.	17 M. C.
Vandervelde, Conrad,	Brandon.	23 M. C.

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FRESHMAN CLASS.

Bruins, Frank John,	Brandon.	19 M. C.
Davis, Jennie Ann,	Randolph.	9 B. C.
Denison, John Pierpont,	. . . . .	Hartford.	. . . . .	Economia.
Dysart, Joseph Clarence,	. . . . .	Ripon.	. . . . .	Mr. Dysart's.
Eggleston, Florence Isabelle,	. . . . .	Ripon.	. . . . .	Mr. Eggleston's.
Hill, May Brainard,	. . . . .	Rosendale.	. . . . .	13 B. C.
Holbrook, Charles William,	. . . . .	Union City, Mich.	. . . . .	29 M. C.
Holthoff, Ella Gertrude,	. . . . .	Milwaukee.	. . . . .	Mrs. Hood's.
Jackson, Frank Alonzo,	. . . . .	Dartford.	. . . . .	3 W. C.
Knop, Dena Lucinda,	. . . . .	Ripon.	. . . . .	Mr. Knop's.
Merrell, George Clark,	. . . . .	Ripon.	. . . . .	Prof. Merrell's.
Miltonberger, Robert Edgar,	. . . . .	Randolph.	. . . . .	21 M. C.
Morse, Chester Birney,	. . . . .	Ripon.	. . . . .	Mr. A. J. Morse's.
Owens, Jennie M.	. . . . .	Tracy, Minn.	. . . . .	9 B. C.
Powell, John Abbott,	. . . . .	Rosendale.	. . . . .	1 W. C.
Reichmuth, Augusta Louise,	. . . . .	Ripon.	. . . . .	Mr. Reichmuth's.
Reichmuth, Ferdinand Louis,	. . . . .	Ripon.	. . . . .	Mr. Reichmuth's.
Sanford, Nellie Dora,	. . . . .	Ripon.	. . . . .	Mr. Sanford's.
Saunier, Claude Eugene,	. . . . .	Duluth, Minn.	. . . . .	Mrs. England's.
Schaub, William,	. . . . .	Ripon.	. . . . .	Mr. Schaub's.

Scholes, Bonnie Elizabeth, . . .	Dartford.	21 B. C.
Scholes, Samuel Ray,	Dartford.	3 W. C.
Scribner, John Edwin,	Rosendale.	1 W. C.
Skidmore, Lewis Herbert, . . .	Stockbridge. .	Mr. J. B. Morse's.
Taaffe, Harry Francis Charles, .	Fond du Lac. . .	Mr. Grant's.
Thompson, William Hill, . . .	Ripon.	Mr. Thompson's.
Toombs, Helen Pennock,	Ripon.	Mrs. Toombs's.
Utter, Gertrude Mary,	Trempealeau.	13 B. C.
Wiesender, Arthur James, . . .	Dartford.	Miss Hesse's.

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PREPARATORY SCHOOL.

SENIOR CLASS.

Dewey, Alice Myrtle,	Poysippi.
Forbes, Elmer Leonard,	Dartford.
Gifford, Brutus Seneca,	Fond du Lac.
Hargrave, Josephine Ruth,	Ripon.
Hargrave, Mary Bertha,	Ripon.
Hunter, Mildred Marion,	Tracy, Minn.
Kidder, Hattie Louise,	Ripon.
Mc Dermid, Archibald,	Ripon.
Morse, Thomas Countryman,	Princeton.
Newcomb, Morton Mayne,	Pine River.
Pinch, Jenner Alfred,	West Rosendale.
Rawson, John Rufus,	Princeton.
Vandervelde, Bert,	Brandon.
Volk, Fred Eugene,	Berlin, Okla.
Wilson, Lyndon Frank,	Ripon.

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SENIOR MIDDLE CLASS.

Hemp, Bernard Ford,	Reeseville.
Hodge, Edith Elizabeth,	Waunakee.
Hoyt, Katherine Louise,	Rosendale.
Kidder, Samuel Theodore, Jr., . . .	Ripon.
Merrell, Lilian Clendening,	Ripon.
Mitchell, Hattie Ethel,	Ripon.
Mitchell, Kathryn,	Fond du Lac.
Sedgewick, Emeline M.	Clintonville.
Washburn, Howard Edwin,	Hope, N. D.

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JUNIOR MIDDLE CLASS.

Akin, Howard Marston,	Willow River, Minn.
Beebe, Ione,	Princeton.
Ewald, Harry Herman,	West Rosendale.
Gunn, Lela Nellie,	Milwaukee.
Skidmore, Grace May,	Stockbridge.
Price, Thomas,	Randolph.
Thomas, Harry Rogers,	Wild Rose.
Thompson, Ruth,	Ripon.
Williams, Robert,	Llangernyw, N. Wales.
Wilson, Mildred Helen,	Norrie.
Wood, Lora Grace,	Oshkosh.

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JUNIOR CLASS.

Buchholz, Elizabeth Augusta,	Milwaukee.
Dewey, Glen Griffin,	Poysippi.
Hargrave, Christina Russell,	Ripon.
Kidder, Charles Joseph,	Ripon.
Lockhart, Frances Grace,	Elo.
Ravy, Walter Andrew,	Little Wolf.
Rice, Mabel Isabelle,	West Rosendale.
Schaefer, Gordon William,	Ripon.

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UNCLASSIFIED.

Barlow, Bessie,	Ripon.
Chittenden, Jennie Ethel,	Ripon.
Currier, Harry Martin,	Ripon.
Davis, Elizabeth Ann,	Wild Rose.
Jones, Mabel,	Wild Rose.
Marsh, Hadleigh,	Ripon.
Pickert, Jared Curtis,	Berlin.
Reichmuth, Clotilda Margaret,	Ripon.
Ruegg, Samuel Gustav,	Stockbridge.
Schallern, Reiner Bruno,	Ripon.

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CONSERVATORY OF MUSIC.

[NOTE:—Names marked with † designate students pursuing studies in other departments.]

Babo, Helen,	New York, N. Y.
Baldwin, Grace,	Ripon.
Barlow, Bessie, †	Ripon.
Chandler, E. Maude,	Waupun.
Chittenden, Jennie E., †	Ripon.
Clapp, Florence E.,	Ripon.
Clark, Lotta E.,	Ripon.
Cody, Nellie M.,	Ripon.
Cuykendall, Helen M.,	Ripon.
Davis, Elizabeth A., †	Wild Rose.
Davison, Pearl,	Ripon.
Dunning, Florence,	Brandon.
Hamley, Mabel E.,	West Rosendale.
Hamley, Maud,	West Rosendale.
Herrick, Harriet E.,	Ripon.
Hockenhull, Frances,	Berlin.
Hodge, Edith E., †	Waunakee.
Holt, Mary,	Rush Lake.
Johnson, Helena,	Waupun.
Johnson, Jennie B.,	Tomahawk.
Jones, Katherine,	Wild Rose.
Jones, Mabel, †	Wild Rose.
Kidder, Samuel T. Jr., †	Ripon.
Meier, Laura A., †	Franklin.
Mitchell, S. Clyde,	Ripon.
Nelson, Mattie M.,	Ripon.
Pallister, Leona F.,	Brandon.
Price, Emily,	Kingston.
Randall, May,	Brandon.
Reed, Florence,	Ripon.
Saunier, Claude E., †	Duluth, Minn.
Sedgewick, Emeline M. †	Clintonville.
Simmons, Florence,	Ripon.
Van Kirk, Mabel,	Koro.
Wiesender, Cora M.,	Dartford.
Wiesender, Emma,	Dartford.
Wood, L. Grace, †	Oshkosh.

Whole number taking music, —37

Number taking music only, —27

PAINTING AND DRAWING,

Bailey, Grace,	Ripon.
Batty, Foster J., †	Glen.
Cate, Jo Lana B., †	Auroraville.
Clark, Gertrude,	Ripon.
Clawson, Arthur B., †	Dartford.
Dawley, Erwin C., †	Antigo.
Duffie, Jennie,	Ripon.
Forbes, Elmer L., †	Dartford.
Hall, Jennie,	Ripon.
Hargrave, Josephine R., †	Ripon.
Hargrave, Mary B., †	Ripon.
Hemp, Bernard F., †	Reeseville.
Hunter, Mildred M., †	Tracy, Minn.
Mc Dermid, Archibald, †	Ripon.
Marsh, Hadleigh, †	Ripon.
Marsh, C. Wilder,	Ripon.
Merbach, Elphie,	Ripon.
Miller, Town,	Ripon.
Mitchell, Hattie E., †	Ripon.
Pinch, Jenner A., †	West Rosendale.
Owens, Jennie M.	Tracy, Minn.
Ruegg, Samuel G., †	Stockbridge.
Scholes, Samuel R., †	Darford.
Sedgewick, Emeline M., †	Clintonville.
Skidmore, Lewis H., †	Stockbridge.
Stewart, James R., †	Barrie, Ont.
Utter, Gertrude M., †	Trempealeau.
Walker, Ruth L.,	Princeton.
Wilkes, Florence E.,	Metomen.
Wilson, Lyndon F., †	Ripon.

Whole number taking painting or drawing, . . . —30
 Number taking painting or drawing only, . . . — 9

SUMMARY.

	Gentlemen.	Ladies.	Total.
COLLEGE—			
Seniors,	5	3	8
Juniors,	7	6	13
Sophomores,	13	6	19
Freshmen,	18	11	29
			— 69
PREPARATORY SCHOOL—			
Senior Class,	10	5	15
Senior Middle Class,	3	6	9
Junior Middle Class,	5	6	11
Junior Class,	4	4	8
Unclassified Students,	5	5	10
			— 53
CONSERVATORY OF MUSIC—	2	35	37— 37
SCHOOL OF DRAWING AND PAINTING—	15	15	30— 30
	—	—	—
	87	102	189
Deducting those reckoned twice,	15	16	31
	—	—	—
Corrected Total,	72	86	158

ACCREDITED SCHOOLS.

Graduates of the following schools whose courses of study have been approved by the Faculty after inspection, are admitted to the Freshman class without examination. Students entering from approved schools having courses of study which do not meet the full requirements for admission to the Freshman class will be credited with all work satisfactorily done.

FOR COLLEGE COURSES.

SCHOOL.	PRINCIPAL.
Antigo,	F. F. Showers.
Appleton, Third District, . . .	W. F. Winsey.
Appleton, Ryan,	R. W. Pringle.
Arcadia,	D. C. Gile.
Ashland,	L. R. Burns.
Ashland Academy,	M. J. Fenenga.
Beaver Dam,	H. B. Hubbell.
Berlin,	G. H. Landgraf.
Bessemer, Mich.,	A. F. Olcott.
Burlington,	W. H. Hickok.
Calumet, Mich.,	Florence Sanborn.
Carroll College, Waukesha, . .	Pres. W. L. Rankin,
Clinton,	R. E. Loveland.
Clintonville,	E. E. Carr.
Columbus,	M. H. Jackson.
Delavan,	C. W. Rittenburg.
De Pere,	Edwin O'Brien.
East Troy,	Julius Winden.
Elkhorn,	T. J. Jones.
Escanaba, Mich.,	Anna F. Chandler.
Florence,	A. H. Fortier.
Fond du Lac,	Elizabeth Waters.
Gladstone, Mich.,	J. H. McDonald.
Green Bay, East Side,	William O. Brown.
Green Bay, West Side,	H. Hendrickson.
Grand Rapids,	G. T. Blynd.

Hancock, Mich.,	A. C. Strong.
Horicon,	P. J. Zimmers.
Houghton, Mich.,	E. H. Comstock.
Ironwood, Mich.,	J. E. Butler.
Janesville,	H. C. Buell.
Jefferson,	H. L. Van Dusen.
Kaukauna,	A. M. Olson.
Kenosha,	E. C. Wiswall.
La Crosse,	W. R. Hemmenway.
Lake Geneva,	Jno. N. Foster.
Marinette,	J. W. Piner.
Manistique, Mich.,	E. L. Campbell.
Marquette, Mich.,	S. B. Clark.
Marshfield,	J. B. Borden.
Mauston,	W. E. Utendorfer.
Menasha,	John Callahan.
Milton Junction,	J. T. Healy.
Milwaukee, East Division, . .	Arthur Burch.
Milwaukee, South Division, . .	Edward Rissman.
Milwaukee, West Division, . .	Charles E. Mc Lenegan.
Necedah,	Fred Thomsen.
Neenah,	O. J. Schuster.
Negaunee, Mich.,	H. J. Webster.
New Lisbon,	C. R. Thompson.
New London,	P. G. W. Kelly.
Norway, Mich.,	Mary B. Hubbard.
Oconomowoc,	William Kittle.
Omro,	E. E. Sheldon.
Oshkosh,	A. B. O'Neill.
Plymouth,	Otto Gaffron.
Portage,	W. G. Clough.
Racine,	E. C. Crosby.
Randolph,	E. W. McCrary.
Rhineland,	F. A. Lowell.
Ripon,	V. A. Suydam.
Seymour,	Fred W. Axley.
Sharon,	W. B. Collins.
Shawano,	J. Leidenberg.
Sheboygan,	J. O. Roeseler.
Sparta,	F. E. Doty.
Stevens Point,	J. W. Simmons.
Stoughton,	A. H. Scholtz.
Tomah,	Charles H. Maxon.

Viroqua,	S. E. Pearson.
Walworth,	F. J. Lowth.
Watertown,	C. F. Viebahn.
Waukesha,	H. L. Terry.
Waupaca,	C. R. Showalter.
Waupun,	G. F. Loomis.
Wausau,	C. C. Parlin.
Wauwatosa,	F. M. Merica.
West Bend,	D. F. Keeley.
West De Pere,	Gunlaf Guthormsen.
West Salem,	O. H. Miller.
West Superior,	B. B. James.

SCHOOLS ACCREDITED TO THE ACADEMY COURSE.

Barron,	O. E. Rice.
Birnamwood,	Grant Cook.
Galesville,	C. F. Peterson.
Hartford,	Thos. R. Lloyd-Jones.
Kilbourn City,	C. W. Smith.
Marshall,	J. B. Baldwin.
Merrillan,	J. E. Hale.
Mukwonago,	Frank Van de Walker.
Oakfield,	B. W. Bridgman.
Pewaukee,	A. R. Clifton.
Port Washington,	A. G. Hough.
Rosendale,	Alice M. Tetherly.
South Milwaukee,	Frank Kelley.
Trempealeau,	C. J. McCormick.

ALUMNI ASSOCIATIONS.

THE SOCIETY OF ALUMNI.

FOUNDED IN 1873.

President,	LUTHER DAVIES,	Oshkosh.
Vice-President,	JEAN SHERWOOD RANKIN, . .	Minneapolis, Minn.
Secretary,	LOVILA M. MOSHER,	Waupun.
Treasurer,	CARRIE L. DYSART,	Ripon.

CHICAGO ASSOCIATION.

FOUNDED IN 1901.

President,	FREDERICK A. DAWES.
Vice-President,	EDWARD T. MERRELL.
Secretary,	ANNA R. HAIRE.
Treasurer,	WILTON B. JUDD.
Historian,	MARGARET BOOKER DAWES.



FOR FIFTY YEARS Ripon Academy has been fitting young men and women for college. Its course of study is arranged for this purpose and is pursued under conditions most favorable for study and for the promotion of physical and moral stamina.

For Whom? The advantages of the academy will appeal with equal force to students who are not within convenient distance of a high school of standard grade; to those who may have access to the best of schools, but are prevented from doing good work by a multiplicity of social engagements; to students of irregular preparation, especially mature students and those who desire to devote a part of their time to music, or for any reason do not wish to undertake full work. To all such students Ripon Academy offers unsurpassed advantages, whether it be in the efficiency of the teaching force, in library and laboratory facilities, or in wholesome surroundings. And, on the completion of the new dormitory, will offer unsurpassed living quarters.

A Recent Improvement. The Academy, moreover, offers exceptional advantages to students preparing for the colleges and universities of the East. For such students a course of study is outlined to meet the requirements of individual cases—either special work in the languages as demanded by the colleges; or work in mathematics and the sciences for the technical schools.

The Principal. At the June meeting of the Board of Trustees Mr. Edmund D. Denison, A. B., a graduate of Northwestern University was appointed Principal of the Academy. Mr. Denison has specialized in Greek and Latin, and has been a very successful teacher in this state and in Upper Michigan. He is a young man and his interest in all the activities of the students will be broad and helpful.

Instructors. Mr. Denison's work as a teacher will be chiefly in the departments of Greek and Latin. Miss Meyer as instructor in German is already well known to patrons of the school. In addition to these two, instruction will be given in the Academy by the College professors in the departments of Mathematics, Biology, Physics, Latin, Greek, German, French, English and History—a corps of instructors rarely equalled by a secondary school.

The Course of Study extends through three years and is adapted to pupils of average ability who expect to devote their time to study. The work of each department has been arranged, and is in part taught by the Professor in charge of the corresponding department of the College. A plan that insures direct and accurate preparation for the Freshman year

of Ripon College, Ripon, Wis. Students expecting to enter this institution cannot do better than to take the course as outlined.

Outline of the Course. The course of study is the same for all except that the student chooses between Greek and German as the language to be carried through the second and third years. Ancient history is required of those who elect the former language, modern history may be taken by those who elect the latter.

Classes five hours per week unless otherwise indicated.

FIRST YEAR.

First Semester.

LATIN A. First Latin book. MATHEMATICS A. Elementary Algebra begun. Physical Geography.

Second Semester.

LATIN B. Selections from the *Viri Romae*. MATHEMATICS I. Elementary Algebra completed. BOTANY. Elementary botany.

SECOND YEAR.

First Semester.

LATIN C. Cæsar, books I and II; Sallust's *Catiline*; prose composition.

PHYSICS A. Laboratory work in elementary physics. Subjects: mechanics and heat. Three periods per week.

ENGLISH A. A study of certain masterpieces of English literature: composition and rhetoric. Three hours per week.

GREEK A. First Greek book.

GERMAN A. Collar's *Shorter Eysenbach*; easy reading.

Second Semester.

LATIN D. Cicero. Four orations against *Catiline*, the *Manilian Law* and *Poet Archias*; prose composition.

PHYSICS B. Course A continued. The subjects considered are sound, light and electricity.

ENGLISH B. Course A continued.

GREEK B. Book I of the *Anabasis*; prose composition.

GERMAN B. Reading; grammar study; prose composition.

THIRD YEAR.

First Semester.

LATIN E. Vergil's *Æneid*. About four books are read with attention to scansion and mythology.

MATHEMATICS C. Plane Geometry; logical accuracy of reasoning being a leading object. Four hours per week.

HISTORY A. Ancient History. A brief outline of Oriental history and a more particular study of the history of Greece. Two hours per week.

HISTORY C. Modern European history. A general survey from the close of the fifteenth century to the present day. Two hours per week.

GREEK C. The Anabasis; grammar; prose writing.

GERMAN C. Advanced prose reading; prose composition. Four hours per week.

DRAWING A. Free hand drawing. One hour per week. Required of those who take German.

Second Semester.

LATIN F. The Æneid completed to the end of sixth book. Rapid reading of one of Cicero's shorter works.

MATHEMATICS D. Solid geometry with special attention to accurate concepts of form without the aid of figures. Four hours per week.

HISTORY B. Ancient history. Rome. Two hours per week.

HISTORY D. Course C continued. Two hours per week.

GREEK D. Homer's Odyssey. Four books are read; prose composition continued.

GERMAN D. Schiller and Goethe. Advanced composition and review of grammar. Four hours per week.

DRAWING B. Course A continued.

Equipment. The Academy students have all the advantages, so far as their work requires it, of the large, well-lighted, well-equipped College laboratories and of the College library and gymnasium.

Library. The main library has commodious quarters in Ingram Hall. The collection consists of over eleven thousand catalogued volumes and several thousand of miscellaneous character. Students have free access to the alcoves.

Laboratories. BIOLOGICAL. The laboratories are convenient, light rooms, and so large that a table can be assigned to each student for his exclusive use through the entire term. The equipment in the way of apparatus is ample; there is an abundant supply of microscopes, cameras, etc., of the best German and American makes, and all necessary glassware is present for the various courses. On the same floor with the laboratories, and conveniently reached, is a library room, in which is kept the working library of the department. In addition to the tanks in the laboratories for living animals and plants which are under observation, there is, in the basement, a Vivarium, in which are kept such animals as are necessary for laboratory uses.

CHEMICAL. The department of Chemistry occupies the third floor of Ingram Hall. The lecture room seats about fifty and has the customary appliances. The general laboratory is equipped with thirty-five desks that are supplied with lockers, gas and water. The qualitative laboratory is similarly provided for and accommodates twenty students. All laboratories are supplied with hoods. In addition to these the department has preparation and storage rooms and a library.

PHYSICAL. The department of Physics occupies the greater part of the second floor of Ingram Hall and a portion of the basement. A spacious laboratory for work in general physics, lecture room, photo-

metric room, balance and dark rooms. A forty foot suspension shaft arranged for pendulum observation.

Terms and Vacations. The year is divided into two terms of eighteen weeks each. The first term of the present year begins on Wednesday September 24th, and the year ends Wednesday, June 24th. There are two vacations, one of two weeks at Christmas time and another of one week beginning with Easter Sunday.

Physical Culture. During the winter months the gymnasium offers ample opportunity, under proper supervision, for physical training. Classes are formed in general calisthenics and also special classes to meet specific needs. Moreover every effort is made to encourage athletic games and to emphasize the importance of regular outdoor exercise. Basket-ball is played by the young women, but only those who have a satisfactory health record are permitted to play in any regular game.

EXPENSES.

Tuition, per semester,	\$10 50
Incidental Fee,	9 00
Fee for Athletics,	75
Laboratory Fee—	
Elementary Physics, per semester,	1 00
Room rent, per semester, Bartlett Cottage, including heat—	
First and Second floors,	18 00
Third floor,	12 00
Board in College Hall, per semester,	40 50
Board and furnished room, in private families, about,	72 00

Incidentals is a charge made to defray the expense of library, gymnasium, warming and lighting the halls and public rooms, and of janitor service.

All charges must be paid or satisfactory arrangements made with the Treasurer within two weeks after the opening of the semester.

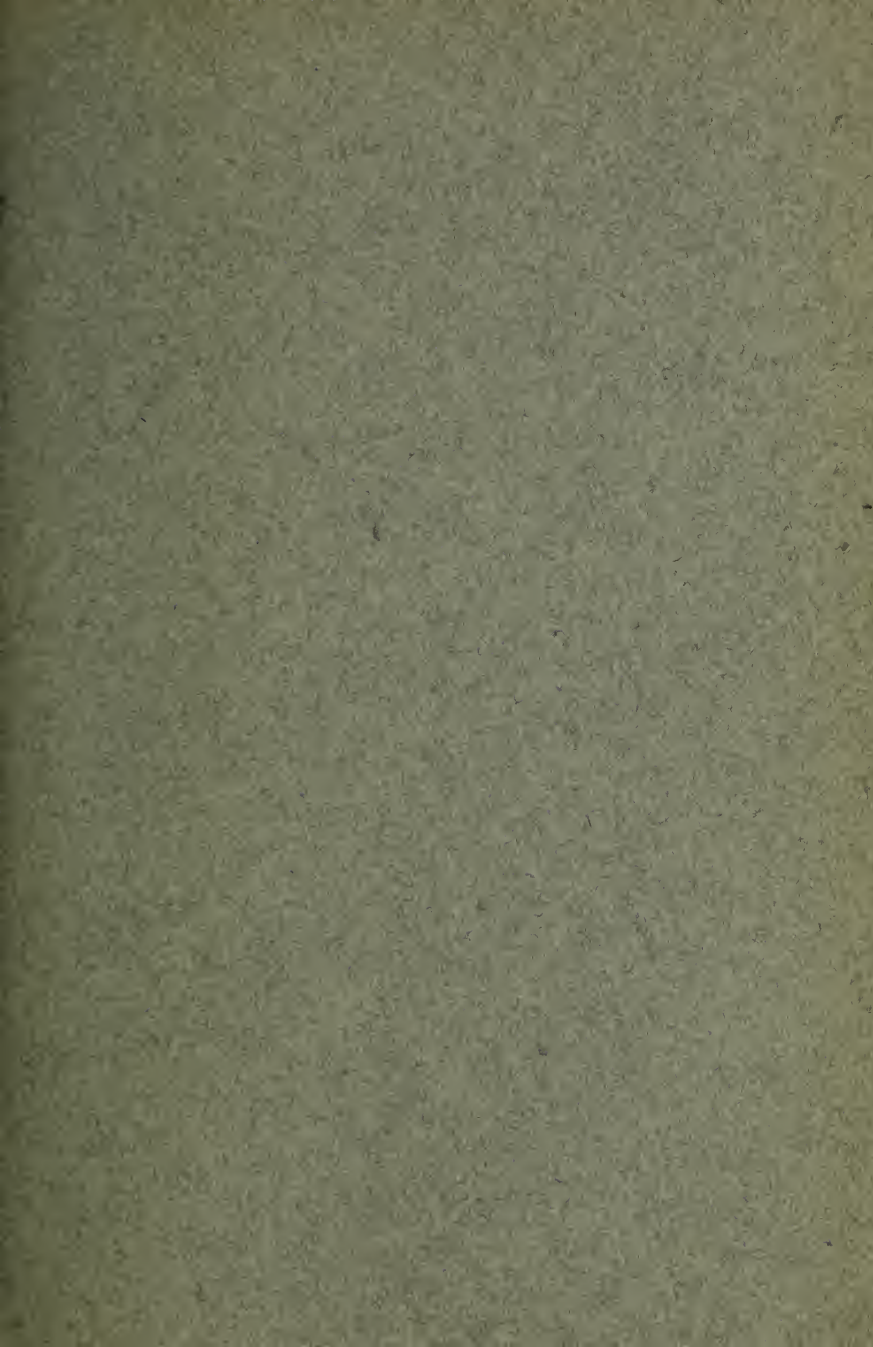
If for good reasons a student leaves before the middle of the semester, one-half of his fee will be refunded.

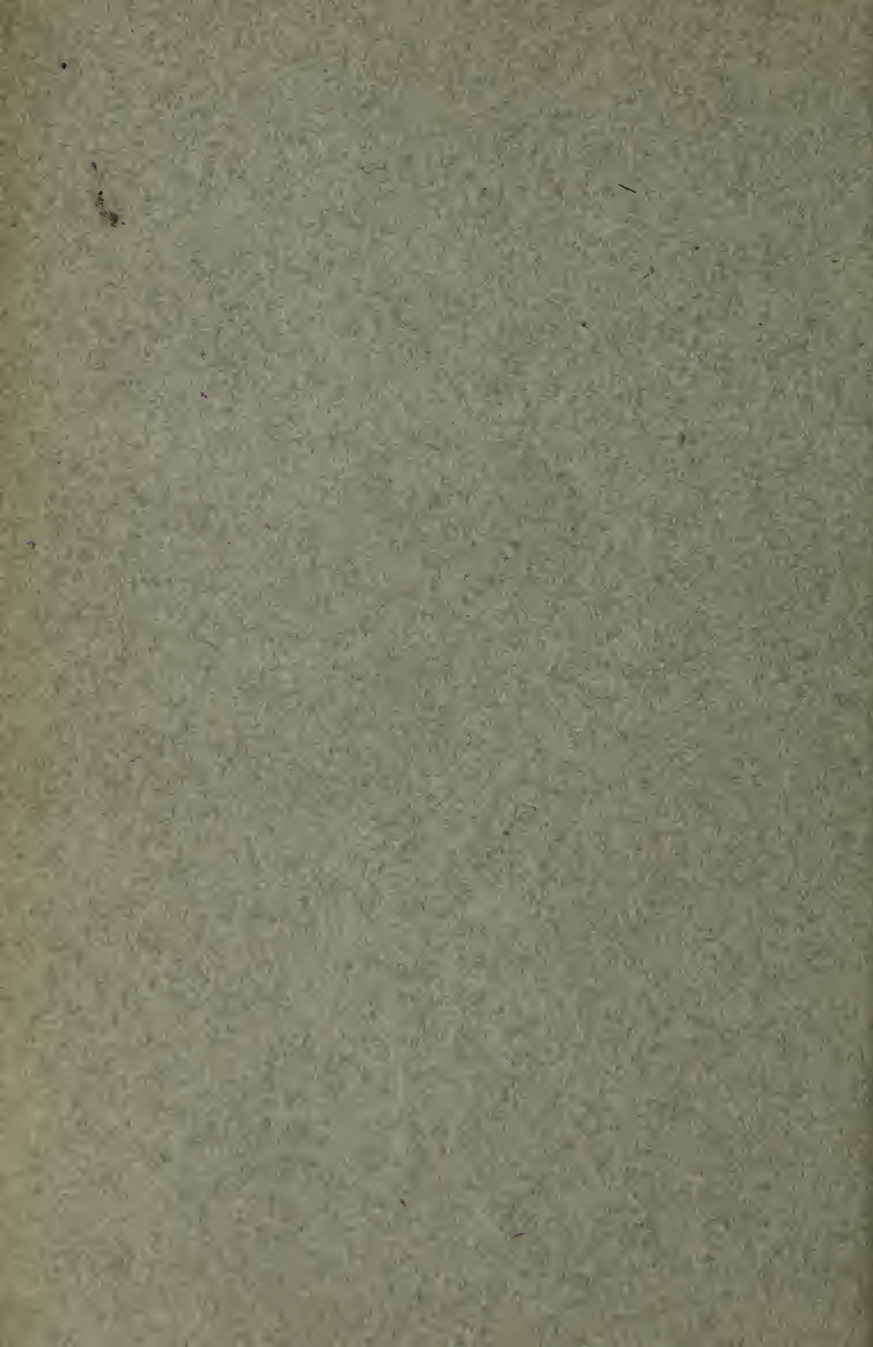
Dormitories. BARTLETT COTTAGE, named in honor of the late Senator Bartlett of Oshkosh, furnishes an admirable home for the young ladies of the institution. The rooms are large, pleasant, and sunny, and the building is supplied with such modern conveniences as steam heat, bath-room, etc.

MIDDLE COLLEGE. The rebuilding of Middle College as a model dormitory for men is now in progress. It will be built after the latest and most approved type, and will be furnished with hot and cold water, steam heat, hardwood floors, etc.

The building will be ready for occupancy during the fall term. Until then rooms will be provided elsewhere.

The prices given above for rooms are made on the assumption that two students will occupy the same suite.





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1241

Ripon Collège

Catalogue

1903-1904

BULLETIN No. 13—MAY

ISSUED BY RIPON COLLEGE, AND ENTERED AT POSTOFFICE, RIPON, WIS.,
AS SECOND-CLASS MATTER.

Annual Catalogue

OF

RIPON COLLEGE

1903-1904



RIPON, WIS.

C. H. ELLSWORTH, PRINTER

1904

317

MASSACHUSETTS
YMAEY

1904																											
APRIL								MAY								JUNE											
S	M	T	W	T	F	S		S	M	T	W	T	F	S		S	M	T	W	T	F	S					
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31					
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1905																											
JANUARY								FEBRUARY								MARCH											
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APRIL								MAY								JUNE											
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23	24	25	26	27	28	29		28	29	30	31		25	26	27	28	29	30	..					
30					

CALENDAR

1904

March 30 — April 5.....	Easter Recess
June 19—Sunday	Baccalaureate Sermon
June 20—Monday	Annual Meeting of Board of Trustees
June 21—Tuesday	Annual Meeting of Alumni
June 22—Wednesday	Commencement
September 14—Wednesday.....	Registration for First Semester
September 15—Thursday.....	Recitations begin
November 24—Thursday.....	Thanksgiving Recess: Thursday to Saturday
December 21—Wednesday.....	Christmas Recess begins

1905

January 4—Wednesday	Recitations resumed
January 26—Thursday.....	Day of Prayer for Colleges
January 20—Friday	Registration for Second Semester
January 31—Tuesday	First Semester ends
February 1—Wednesday	Second Semester begins
March 29 — April 4.....	Spring Recess
June 11-14	Commencement

TRUSTEES

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STORRS HALL, M. D. (Trustee Emeritus).....Ripon

Term expires in 1904.

O. J. CLARK, Esq.....Ripon

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FRANK K. SANDERS, Ph. D., D. D.New Haven, Conn.

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HON. A. E. THOMPSON.....Oshkosh

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HON. W. H. HATTEN.....New London

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SAMUEL T. KIDDER, D. D.Ripon

D. D. SUTHERLAND, Esq.....Fond du Lac

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SAMUEL T. KIDDER, Vice-President

SAMUEL M. PEDRICK, Secretary and Treasurer

O. J. CLARK

GEORGE L. FIELD

D. D. SUTHERLAND

A. E. THOMPSON

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S. M. PEDRICK, D. D. SUTHERLAND.

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O. J. CLARK, W. H. HATTEN.

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Cornelius B. Erwin Professor of Mathematics and Astronomy.

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Professor of Latin Language and Literature.

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Willcox Professor of Greek Language and Literature.

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Professor of Physics.

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HEMAN HOWARD POWERS,

Instructor in Vocal Music.

ALBERT GUIDO MEIER, A. B.,

Instructor in Organ Playing.

ELIZABETH ADAMS YOUNG,

Instructor in Mathematics and Physics.

LAURA ANGELICA MEIER, A. B.,

Instructor in Latin.

RUTH NOHL HALL,

Instructor in Latin.

MAUD ESTELLE CAMP,

Teacher of Stenography.

WILLIAM SHACKELTON OVEREND,

Physical Director.

ELSIE RUTH MAUDLIN,

President's Secretary.

PROFESSOR ERICKSON,

Secretary and Registrar.

PROFESSOR MARSTON,

Librarian.

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On Library,

PROFESSORS MARSTON, MILLIKEN.

On Publication,

PROFESSORS SHEARIN, ERICKSON.

On Alumni,

PROFESSORS CHANDLER, TRACY.

On Public Exhibitions,

PROFESSORS HARWOOD, MEIER.

JOINT COMMITTEES

On Scholarships,

THE PRESIDENT, THE TREASURER, PROFESSOR MILLIKEN.

On Dodge Fund,

THE PRESIDENT, THE TREASURER, PROFESSOR HARWOOD.

On Athletics,

PROFESSOR MARSTON, JOHN G. INGALLS, '76,

ERWIN C. DAWLEY, '04.

HISTORICAL STATEMENT

The original act of incorporation of Ripon, then Brockway, College was approved January 29, 1851, and work was begun on the first building in the spring of the same year. The school was first opened for instruction on June 1, 1853, under the charge of Rev. J. W. Walcott, who assumed control at the request of the Winnebago District Convention of Presbyterian and Congregational churches. On February 21, 1857, Mr. Walcott deeded the college property to a Board of Trustees, in part nominated by the Winnebago Convention.

The Convention later withdrew its control in the following action:

"That as the reasons why it has hitherto been important that the Convention should control the election of trustees have ceased, and it is now essential to the prosperity and progress of the College, and especially essential to the obtaining the aid of the Western College Society that it should be free from ecclesiastical control; this Convention hereby relinquishes all claim to the right of nominating trustees to fill vacancies in the Board of Trustees.

"That this action is not intended to detach the College from the interest, influence and sympathy of this Convention, or of our churches; but, on the contrary, it is intended to remove obstacles in the way of its growth; and to engage our churches more earnestly in building it up and to secure the confidence and coöperation of our brethren in other parts of the West and at the East.

"That the present trustees are the nominees of this Convention, and, confiding in them as Christian gentlemen, we commit the interests of the institution wholly to their care, with the assurance that in the future, as in the past, they will maintain the integrity of their trusts."

The property conveyed by this deed included the campus of nine acres, since enlarged by the purchase of about two additional acres, and the old East building. A new dormitory, the old Middle College, was ready for use in the autumn of 1858, but was not fully completed till the summer of 1863. On September 10, 1861, the buildings and grounds of the College were let to the government to be occupied by the First Regiment of Wisconsin Cavalry. Mrs. Tracy, however, occupied rooms in the dormitory building and carried on a school independently. The College was reopened in September, 1862, Mr. E. H. Merrell, Principal.

The history of Ripon College, as such begins in 1863, and covers administrations of four presidents: Rev. William Edward Merriman, D. D., 1863-1876; Rev. Edward Huntington Merrell, D. D., LL. D., 1876-1891; Rev. Rufus Cushman Flagg, D. D., 1892-1901; Rev. Richard Cecil Hughes, D. D., 1902—.

The appointment, on April 23, 1863, of Rev. William E. Merriman to the presidency of the College marked an epoch in its history. East and Middle Colleges were both completed and furnished within the year, and were well filled with students; "both mortgages on the college property were paid up and satisfied;" the name of the College was changed from "Brockway" to "Ripon," and in this year, 1863-4, the first college work was done. During the summer of 1867 the West College was built to accommodate the increasing number of students.

In 1868 the College received the endorsement of the General Convention of the Congregational churches of the State; the Collegiate Society accepted Ripon College as one of its beneficiaries and aided in securing, in the East, \$50,000 for endowment. This action brought the institution recognition in the fraternity of colleges, and from this time its financial condition began to improve rapidly.

The endowment fund has been augmented from time to time by substantial gifts, notably, a part of the famous Erwin estate; a gift from Mrs. Valeria G. Stone, of Malden, Mass.; a legacy left by the will of Mrs. Helen C. Knowles, of Worcester, Mass., who died in 1884; and the gift of valuable property in Milwaukee, given by the Hon. Edward D. Holton of that city.

At the same time important additions were being made to the buildings and equipment. The Chemical Laboratory and Transit House annexed were erected in 1876. In rapid succession came the reconstruction of East College, the erection of Bartlett Cottage, the acquisition of Dawes Cottage and Ingalls Park, the college athletic field, the Ingram Hall of Science, erected in 1900, and lastly, the complete remodeling of Middle College into the new dormitory, the Elisha D. Smith Hall.

It is the aim of this institution to provide for the liberal education of young men and women, and in doing so to keep its standard fully up to that of the best colleges, and its methods of instruction in harmony with the most enlightened views of education. It also proposes to make the expense of pursuing a course of study as low as is consistent with a high degree of excellence in its results, and thus to keep a liberal education within the reach of young men and women of limited means. It is likewise the earnest purpose of the officers of the institution to conduct it on distinctly Christian principles, and to have it pervaded with a strong and healthy moral and religious influence. While aiming at the best results of intellectual training, its instructors bear in mind that character is more than these, that the development of character is an essential part of the work of an educational institution, and that here is no sound basis of character except in Christian principle.

ADMISSION

Candidates for entrance to the College must present satisfactory evidence, either by examinations or an approved certificate, of having completed the preparatory study necessary for the classes they propose to enter.

Graduates of any Wisconsin state high school, provided the school has a full four year course of study, will be admitted to the freshman class without examination on the principal's recommendation and certificate showing that the student has successfully completed all the courses required for entrance.

Graduates from the four year English course of an approved high school will be admitted to provisional freshman standing, the condition to be removed when the student has met the entrance requirement in language.

Graduates from schools in other states will be admitted on the same condition as graduates from Wisconsin schools, provided the certificate of the school admits to the recognized colleges of that state.

Certificates should be made out on blanks furnished by the Registrar on application, and should be returned to him before the opening of the college year.

The following outline will indicate the nature of the work and the minimum amount required for admission to the freshman class.

ENGLISH

COMPOSITION. The ability to write a short essay, correct in spelling, punctuation, grammar, and division into paragraphs. Great stress is laid on this.

LITERATURE. A special knowledge of the following: Shakespeare's *Macbeth*, Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*, Burke's *Speech on Conciliation with America*, Macaulay's *Essays on Addison* and on *Milton*.

A general knowledge of the following, or their equivalent: Shakespeare's *Merchant of Venice* and *Julius Cæsar*, Coleridge's *Ancient Mariner*, Tennyson's *The Princess*, Lowell's *Vision of Sir Launfal*, Carlyle's *Essay on Burns*, *The Sir Roger de Coverley Papers*, Goldsmith's *Vicar of Wakefield*, George Eliot's *Silas Marner*, Scott's *Ivanhoe*.

HISTORY

United States History and either Ancient History or English History; except in Group IV, where all three are required for entrance.

The requirements are to be understood as including a substantial text-book and considerable collateral reading.

MATHEMATICS

ELEMENTARY ALGEBRA. Wells' Essentials, or its equivalent, giving special attention to the theory of exponents, positive, negative, fractional, and zero.

GEOMETRY. Plane and Solid.

PHYSICS

A course in elementary physics extending through the year and including both recitations and laboratory practice. A similar course in biology or chemistry may be offered instead of the course in physics.

LATIN

Grammar, two books of Cæsar, Sallust's Catiline, or equivalent, six orations of Cicero, including the Manilian Law, twenty lessons in prose composition, six books of Vergil. Students are earnestly advised to prepare as above, but those who intend to take the modern language courses may substitute other satisfactory work for Vergil.

GREEK

An accurate knowledge of the ordinary forms, idioms, and syntax. The ability to read at sight a passage of prose adapted to the proficiency of pupils who have read four books of the Anabasis or an equivalent. Three books of the Iliad or Odyssey.

GERMAN

The following work in German may be offered instead of Greek: a two year course, of not less than five hours per week, including grammar, prose composition, and advanced reading. Practice in conversation, dictation, memorizing, and sight reading.

If a sufficient number of students who have completed a four year preparatory course admitting to the freshman class wish to begin the study of Greek or Latin, special classes will be formed in which the preparatory work may be completed in less time than is required of less mature students. College credit will be given in this work.

ACCREDITED SCHOOLS

It is the policy of the College to visit and inspect the secondary schools of the state and so obtain a list of accredited schools. The list so far as completed at the present time will be found on page 55 of this catalogue.

ADVANCED STANDING

Students coming from other colleges and seeking to enter advanced classes must present a certificate of honorable dismissal with the certificate of their work.

PROGRAM OF STUDY

THE GROUP SYSTEM

In order to secure the greatest efficiency in the arrangement of the program of collegiate study, to make it strong and conservative, yet practicable and pertinent to individual needs, flexible and adaptable to each peculiar problem, the Group System has been adopted. A full explanation of the principles underlying it and of the manner of its application immediately follows:

The curriculum is for the student—not conversely. Especially is this true of the college course, lying between the high school and the technical school. The former has never before reached such excellence in kind and extent of work done. The present-day high school senior is stronger than the college sophomore of earlier days. On the other hand, post-collegiate training in specific lines for trades or professions is under modern stress more strenuous than ever before. Small wonder, therefore, to hear some, extremists perhaps, urge only a two year's course for the Baccalaureate, claiming with no little show of reason that work done, not time and money spent, should be the criterion. The increased strength of the high school makes this plan possible; while the demands of post-collegiate years, they say, make it imperative.

PREPARATION FOR THE PROFESSIONAL SCHOOL

The Group System stands for all that is conservative and best in the above. Though a two-year collegiate course is not the solution to the Western educational problem, yet many a student can ill afford that four years of time, energy, or expense shall preface his post-collegiate career. To him, the organized, yet flexible, group courses of Ripon College will make urgent appeal. Immediately upon the attainment of his high school diploma, he can elect a one-year or a two-year course, directly parallel with any projected professional training, which may be credited on the regular four-year Baccalaureate course, either at Ripon College or elsewhere, should this at any time after entrance seem desirable.

FREE ELECTION OF COURSES

A word in explanation of the Group System, which in one form or another has found favor with many of the larger and more conservative institutions of learning during the last half decade: Briefly, it combines the advantages of the rigid course system, on the one hand, and of the free elective system, on the other. It affords a just balance between authoritative control and student individuality. Freedom of choice allows him absolute self-direction, yet this choice shall be from among numerous groups carefully organized to accord with the best educational consensus, thus giving harmonious and liberal culture,

while preventing that dissipation of energy which is the penalty of capricious and unlimited election.

GROUPS: MAJORS, REQUIRED STUDIES, ELECTIVES

To speak concretely, Ripon College now offers nine comprehensive and consistent groups of related studies. These take their names from the two major subjects in each—subjects, which, taken together, shall demand about one-third of the student's time. They are:

- | | |
|--------------------------------|--------------------------|
| I. Classics. | V. Modern Language. |
| II. Mathematics-Physics. | VI. English-Languages. |
| III. Chemistry-Biology. | VII. Philosophy-Greek. |
| IV. History-Political Science. | VIII. Latin-Mathematics. |
| IX. General Science. | |

The second third of each group is devoted to the conventional studies everywhere recognized as fundamental, viz.: English, Mathematics, History, Science, Philosophy, Language. It will at once appear that the beginner, uncertain as to his later specialty, can in greater or less degree give his first year to these required studies. This plan will give him scope and stamina, whatever specialization he may afterwards decide upon; for these studies are common to all groups alike.

The last third of each group offers free and absolute election of any feasible subject. Here the list is as follows: Philosophy, History, Political Science, Mathematics, Astronomy, Biology, Chemistry, Physics, Greek, Latin, German, French, English, Music, etc. Thus, in brief, election is offered from among nine groups, each presenting three phases of work: Major Subjects, Required Studies, Free Electives.

THREE CLASSES OF STUDENTS TO WHICH THE GROUP SYSTEM APPEALS

It is unnecessary to dwell upon the adaptability of the Group System to the needs of the majority of students—those enrolling for the regulation four-year course leading to the Baccalaureate. However, there is always a worthy minority which has been especially considered in formulating the plan. This minority, strong in mind and earnest in spirit, industrious and eager to press on, exerts a salutary influence upon both class-room and campus; and hence is always welcomed. It consists of the three following student classes:

First, those contemplating one or more years in a smaller, less expensive college like Ripon, as initiatory to the final years to be spent for the Baccalaureate from a university, in the East or elsewhere.

Secondly, are those enrolled for the Baccalaureate who, through exceptional preparation, mental acumen, or physical endowment, find it desirable and possible to finish the course in shorter time than the usual four years.

Lastly, are those mentioned above who, feeling the excellence of their high school training, intend to take no college degree. For instance, the student having in view a professional career in Medicine or Engineering. To enter upon his work in the professional school, the high school diploma is hardly sufficient; and, on the other hand, he can ill afford the time and money requisite for a college degree. To such a one the Group System easily allows one or more years of work introductory to the professional or the technical school. Groups II, III, and IV are especially suited to such ends.

Thus would the earnest student, anxious to make the most progress toward his life-work, meet in one or two initiatory years at Ripon College not only perfect adaptability of plan; but he would find in the concentration of energy and in the inexpensive rate of living, characteristic of the college, as opposed to larger institutions, a wise economy of time, effort, and money as well.

CREDITS REQUIRED FOR THE BACHELOR'S DEGREE

In the tabular outline of the groups opposite, the unit of credit in college courses is one hour-recitation for one semester. 128 college credits, in addition to the admission credits, are required for the attainment of the degree, viz., Bachelor of Arts. These are apportioned within each group, it will be seen, as follows:

40 credits, about one-third of the graduation requirement, to the Major Studies, the first two in each group.

40 credits, approximately, to the Required Studies, listed second in each group.

40 credits, approximately, to the Free Electives, standing last in each group.

GROUPS

(Figures indicate semester hours; see above.)

I. CLASSICS.		II. MATHEMATICS-SCIENCE.		III. CHEMISTRY-BIOLOGY.		
Required.	Greek.....	20	Mathematics.....	20	Chemistry.....	20
	Latin.....	20	Physics.....	20	Biology.....	20
	English.....	8	English.....	8	English.....	8
	Mathematics....	8	History.....	6	Mathematics....	8
	History.....	6	Bible.....	3	History.....	6
	Bible.....	3	Chemistry.....	4	Bible.....	3
	Science*.....	8	Biology.....	4	Physics.....	8
	Philosophy.....	8	Philosophy.....	8	Philosophy.....	8
Language**.....	8	Language**.....	8	Language**.....	8	
Free Electives.....	39	Free Electives.....	47	Free Electives.....	39	
128		128		128		
IV. HISTORY-POLITICAL SC.		V. MODERN LANGUAGE.		VI. ENGLISH-LANGUAGES.		
Required.	History.....	20	French.....	20	English.....	20
	Political Science....	20	German.....	20	German, French, Latin	
	English.....	8	English.....	8	or Greek.....	20
	Mathematics....	8	Mathematics....	8	Mathematics....	8
	Bible.....	3	History.....	6	History.....	6
	Science*.....	8	Bible.....	3	Bible.....	3
	Philosophy.....	8	Science*.....	8	Science*.....	8
	Language**.....	8	Philosophy.....	8	Philosophy.....	8
Free Electives.....	45	Free Electives.....	39	Free Electives.....	47	
128		128		128		
VII. PHILOSOPHY-GREEK.		VIII. LATIN-MATHEMATICS.		IX. GENERAL SCIENCE.		
Required.	Philosophy.....	20	Latin.....	20	Physics.....	16
	Greek.....	20	Mathematics.....	20	Biology.....	16
	English.....	8	English.....	8	Chemistry.....	16
	Mathematics....	8	History.....	6	English.....	8
	History.....	6	Bible.....	3	Mathematics....	8
	Bible.....	3	Science*.....	8	History.....	6
	Science*.....	8	Philosophy.....	8	Bible.....	3
	Language**.....	8	Language**.....	8	Philosophy.....	8
Free Electives.....	47	Free Electives.....	47	Free Electives.....	39	
128		128		128		

* Two subjects required: Biology 4, Chemistry 4, or Physics 4.

** Three languages required if not offered for admission: Latin 2 years, Modern Language 3 years—to include both French and German. In I, one year of Modern Language is required.

Schedule of Recitations. First Semester, 1904-5.

	Monday	Tuesday	Wednesday	Thursday	Friday
8	English 1 Physics*	Chemistry 1 English 3a Greek 0 Astronomy Physiology	English 1 German 3 Greek 6 Mathematics 5 Biology 4	English 1 German 3 Greek 6 Mathematics 5 Physics*	English 1 German 3 Greek 6 Mathematics 5 Biology 6a
9	Mathematics 1 Economics 1 English 2 Physics*	Mathematics 1 Economics 1 English 4a Physics 3	Chemistry 1 English 2 Greek 0 Astronomy Physiology History 2	Mathematics 1 Economics 1 English 2 Physics*	Mathematics 1 Economics 1 English 4a Physics 3
10	German 1 Greek 1 Bible 1 Physics 1 Latin 5 Mathematics 3	German 1 Greek 1 Bible 1 Physics 1 Latin 5 Mathematics 3	German 1 Greek 1 Bible 1 Physics 1 Latin 5 Mathematics 3	Chemistry 1 English 3a Greek 0 Astronomy Latin 7 Physiology History 2	German 1 Greek 1 Biology 2 Physics 1 Latin 7
11	Psychology Latin 1 French 1 History 6 Chemistry 3	Psychology Latin 1 French 1 History 6 Chemistry 3	Psychology Latin 1 French 1 History 6 Chemistry 3	Psychology Latin 1 French 1 History 6 Chemistry 3	Chemistry 1 English 2 Greek 0 History 2 Biology 3a
1:30	Chemistry* Latin 11 Greek 7	Biology* Latin 3 Philosophy 3 History 7a	Biology* Latin 3 Philosophy 3 History 7a	Biology* Latin 3 Philosophy 3 History 7a	Chemistry* Latin 11 Greek 7 History 7b
2:30	Chemistry* Political Sc. 2 Greek 0 German 5	Biology* Theism Greek 3	Biology* Theism Greek 3	Biology* Theism Greek 3	Chemistry* Theism Greek 3 Political Sc. 2

Chapel Service, 3:30-3:45.

Schedule of Recitations. Second Semester, 1904-5.

	Monday	Tuesday	Wednesday	Thursday	Friday
8	English 1 Physics* Ethics	English 8 Chemistry 2 Greek 0 Physiology	English 1 German 4 Greek 8 Mathematics 6 Geology Biology 5	English 1 German 4 Greek 8 Mathematics 6 Geology Physics*	English 1 German 4 Greek 8 Mathematics 6 Geology Biology 6b
9	Mathematics 2 Economics 4 Physics* English 10	Mathematics 2 Economics 4 Physics 4 English 4b Ethics	English 3b Chemistry 2 Greek 0 History 2 Physiology Pedagogy	Mathematics 2 Economics 4 Physics* English 10	Mathematics 2 French 4b Physics 4 English 4b Ethics
10	German 2 Greek 2 Bible 2 Physics 2 Mathematics 4	German 2 Greek 2 Bible 2 Physics 2 Mathematics 4 Political Sc. 4	German 2 Greek 2 Bible 2 Physics 2 Mathematics 4 Political Sc. 4	English 3b Chemistry 2 Greek 0 History 2 Pedagogy Physiology	German 2 Greek 2 Biology 2 Physics 2 Political Sc. 4
11	Psychology Latin 2 French 2 History 8 Chemistry 4	Psychology Latin 2 French 2 History 8 Chemistry 4	Psychology Latin 2 French 2 History 8 Chemistry 4	Psychology Latin 2 French 2 History 8 Chemistry 4	Chemistry 2 Biology 3b Greek 0 History 2 Pedagogy
1:30	Chemistry* Latin 11 Greek 13 Mathematics 7	Biology* Latin 4 Philosophy 3 History 9a Mathematics 7	Biology* Latin 4 Philosophy 3 History 9a Mathematics 7	Biology* Latin 4 Philosophy 3 History 9a Mathematics 7	Chemistry* Latin 11 Greek 13 History 9b Mathematics 7
2:30	Chemistry* German 5b Greek 0 Mathematics 7 Aesthetics	Biology* French 4 Greek 4 Mathematics 7 Logic	Biology* French 4 Greek 4 Mathematics 7 Logic	Biology* French 4 Greek 4 Mathematics 7 Logic	Chemistry* Greek 4 Mathematics 7 Aesthetics

Chapel Service, 3:30-3:45.

* Laboratory work.

COURSES OF INSTRUCTION

PHILOSOPHY

PROFESSOR MERRELL.

PSYCHOLOGY (1). The course in psychology embraces such a systematic study of mental phenomena as to prepare the student for an intelligent pursuit of philosophy proper, and a clear apprehension of the principles of ethics, logic and æsthetics. Particular attention is given to the investigation of the facts of the sensibility, and to the phenomena and laws of the will. (Porter's Elements of Intellectual Science, and lectures.) Four hours through the year. Required.

ETHICS (2). This course is studied under two divisions. In the first the philosophical grounds are discussed, and the various systems are compared and criticised. In the second division the principles established in the first are applied to the specific problems of government, right, and duties. (Fairchild's Moral Science.) Three hours. Second semester.

HISTORY OF PHILOSOPHY (3). In this course the leading systems of philosophical thought are studied in outline, beginning with the Greek philosophies, and their historical connections and dependencies, covering the nature and limits of human knowledge. (Weber's History of Philosophy.) Three hours through the year.

THEISM AND THE LOGIC OF CHRISTIAN EVIDENCES (4). In this course the grounds of theistic belief are studied, and particular attention is given to the principal antitheistic theories. Attention is directed to the logic of Christian evidences, with the purpose of showing that the acceptance of the facts of the Christian system is required by the same laws that govern the mind in reaching the conclusions in all of the inductive sciences. (Fisher's The Grounds of Theistic and Christian Belief.) Four hours. First semester.

LOGIC (5). In this course not only are the forms of reasoning expounded, but the laws are so explained as to teach the pupil the principles and methods of sound thinking. The close relation of this branch to rhetoric is kept constantly in mind, and the student is guided to an effective command of his powers as a writer or speaker. (Minto's Logic Inductive and Deductive.) Three hours. Second semester.

AESTHETICS (6). The course in æsthetics considers art as an expression of feeling, the formal conditions of art expression, art as the expression of beauty, and a particular study of the arts of form. (Brown's The Fine Arts.) Two hours. Second semester.

PEDAGOGY (7). In the course in psychology frequent reference is made in a practical way to pedagogical principles as the different phenomena under consideration suggest them; but in the special course the topics are selected and arranged with reference to the equipment of teachers for their work in the school room. The teacher, the school, discipline, examining, the school building and the care of it, methods of teaching the various studies, the correlation of studies, the history of education, and similar subjects of everyday importance to the teacher in his work are studied in detail. Three hours. Second semester.

BIBLE

NEW TESTAMENT (1). A study of the teachings of the New Testament on the great theme of revelation. Steven's The Theology of the New Testament is used as a text-book. Three hours. First semester. Required for graduation.

BIBLE HISTORY (2). In this course the origin of the Bible in connection with the general history of the world is considered, embracing the rise, progress, falls, and recoveries of a chosen people, out of whose life the Sacred Writings came forth. Three hours. Second semester.

GREEK

PROFESSOR ERICKSON.

ELEMENTARY COURSE (0). Designed for students who do not offer Greek for admission. May be taken as a free elective in any group. Five hours through the year. Less than the full year will not be credited.

First Year:

PLATO (1). The Apology, Crito, and parts of the Phædo will be read. A careful review of Attic inflections and syntax; Greek composition. Four hours. First semester. See Archæology (1).

HOMER (2). About eight books of the Odyssey will be read; a careful study of the Homeric poetry; lectures on Homeric life. Four hours. Second semester.

Second Year:

THE DRAMA (3). An introductory course. Two or three of the plays of Euripides and the Frogs of Aristophanes will be read. Scenic antiquities. General survey of Greek literature to the Attic period. Four hours. First semester.

THE ORATORS (5). Selected orations, including Lysias and Demosthenes. History of Greek literature continued. Four hours. Second semester.

After the second year, any of the following courses may be taken. It should be noticed, however, that courses 6, 7, 8, and 13 together form a year

course, five hours per week, in which special attention is given to the history, political institutions, and life of Athens during the fifth and fourth centuries. This course will be given in 1904-5. Another year course, alternating with this, consists of courses 9, 10, 11, and 12. It puts greater stress upon the development of ideas and their expression as literature.

THE HISTORIANS (6). The class will read Thucydides, with selections from Herodotus and Plutarch. Three hours. First semester.

ARISTOPHANES (7). Several plays will be read. Development of the Attic comedy; life in Athens in the latter part of the fifth century. Two hours. First semester.

DEMOSTHENES (8). The oration *On the Crown*. Study of the larger problems of the period. Three hours. Second semester.

THE LYRIC POETS AND THEOCRITUS (13). Two hours. Second semester.

THE DRAMA (9). Reading of representative plays; a comparative study of the art of Aeschylus, Sophocles, and Euripides. Three hours. First semester.

COMPOSITION (12). Advanced composition and sight reading; a topical study of the moods and tenses. Two hours. First semester.

HOMER (10). The *Iliad*. Two hours. Second semester.

PHILOSOPHY (11). Introduction to Platonism; selections from Plato, with collateral reading. Three hours. Second semester.

NEW TESTAMENT (14). One hour through the year.

GREEK ART. See *Archæology* (2).

LATIN

PROFESSOR CLARK.

First Year:

LIVY (1). Selections from Books I and II, or XXI and XXII. Prose Composition. Especial attention is given to syntax and to a study of the subjunctive mood. Prose work based upon the text continues for about half the semester. Selections from I and II will be read in 1904-5. Four hours. First semester.

TOPOGRAPHY OF ANCIENT ROME (1a). See *Archæology* (3). This course accompanies course (1) when books I and II of Livy are read. Open, without credit, to all students of the College.

ROMAN PRIVATE LIFE (1b). See *Archæology* (4). This course accompanies course (1) when books XXI and XXII of Livy are read. Open, without credit, to all students of the College. Omitted in 1904-5.

HORACE (2). Odes and Epodes. Studies in the neighborhood of Rome. Four hours. Second semester.

Second Year:

TACITUS AND MARTIAL (3). *Germania and Agricola*; or *Agricola and selections from the Annals*. Selections from Martial at sight. Three hours. First semester.

CICERO (4). Some one of the philosophical works. In 1905 the *De Officiis* will be read, with discussions upon the teachings of Cicero. Three hours. Second semester.

The following advanced elective courses are open to those who have completed two years work as outlined above.

SATIRE (5). Selections from Juvenal, Horace, and Persius. Three hours. First semester.

COMEDY (6). Selected plays of Plautus and Terence. Rapid reading course. Three hours. Second semester. Omitted in 1905.

ORATORY (7). Cicero (*Brutus*), Quintilian (selections from Books X and XII), Tacitus (*Dialogus*). Two hours. First semester.

CATULLUS (8). Selections. Second semester. Two hours. Omitted in 1904.

ROMAN LETTER WRITING (9). Selected letters of Cicero and Pliny. Two hours. First semester. Omitted in 1904-5.

LUCRETIUS (10). Books I-III. Elective for Seniors. Second semester. Two hours. Omitted in 1905.

LATIN LITERATURE (11). The work includes (1) the translation of many selections from the works of the chief authors from Plautus to Gellius, with especial attention to inscriptions and fragments of old Latin; (2) the mastery of the *Primer of Latin Literature*; (3) the preparation of a paper upon some topic connected with the work. The *Primer* will be supplemented by a course of lectures upon the *History of Roman Literature*. Texts, *Smith's Latin Selections*, *Wilkin's Primer*. Two hours through the year. Omitted in 1905-6.

TEACHERS' COURSE (12). The aim of the course is to assist those who are planning to teach Latin in the high schools. Lectures will be given upon Latin Grammar, Roman Antiquities, and Mythology. Considerable attention will be given to Latin writing. All of the more important questions in syntax will be carefully studied in connection with a review of *Cæsar*, *Cicero*, *Sallust*, *Ovid*, and *Vergil*. Open only to juniors and seniors who have had the Latin of the freshman and sophomore years, including 1*a* and 1*b*, and 11. Three hours through the year. Omitted in 1904-5.

SUETONIUS (13). *Selected Lives*. First semester. Three hours.

TACITUS (14). *Annals*, Books I-VI. Second semester. Three hours.

CLASSICAL ARCHAEOLOGY AND ANTIQUITIES

PROFESSORS CLARK AND ERICKSON.

The following courses are intended to supplement the work of the Classical department. They are well illustrated by the use of stereopticon and photographs.

GENERAL ANTIQUITIES OF GREECE (1). As a background for the study of the language and literature, a course of lectures will be given during the freshman year on such topics as the land and people of Greece, the Mycenæan age, the city of Athens, the Acropolis. See Greek (1).

GREEK ART (2). An outline course. The primary object of this course is to familiarize the student with the important remains of ancient art. Two hours. Second semester.

ROME (3). This course traces the growth of the ancient city from its foundation to the fourth century, treating in detail the following portions: Roman Forum; Capitoline, Palatine, and Aventine Hills; fora of the Empire; buildings of the Campus Martius; triumphal arches; thermæ; tombs, and other buildings and monuments of the city. See Latin (1a).

ROMAN PRIVATE LIFE (4). Lectures are given on the following subjects: The Roman name; the organization of the family; marriage and divorce; children—their nurture, amusements, and education; slaves, freedmen, clients, and hospites; houses—their construction, decoration, furnishing; dress; daily and social life; theatre, circus, amphitheatre, and public baths; writing, manuscripts, and libraries; travel; arts and industries; religion; death and burial. Omitted in 1904-5.

In (3) and (4) an incidental fee of \$1.50 is charged.

FRENCH

PROFESSOR HARWOOD.

First Year:

FRENCH (1). In this course, and throughout the two years of college French, practice will be given in composition, conversation, dictation, memorizing, sight- and sound-reading. (Fraser and Squairs' Grammar.) Four hours. First semester.

FRENCH (2). Continuation of course (1). Four hours. Second semester.

Second Year:

MODERN AUTHORS (3). Nineteenth and twentieth century authors; general survey of French literature given by study of a text. Three hours. First semester.

SEVENTEENTH CENTURY DRAMATISTS (4a). Two dramas each of Corneille, Molière, and Racine read in class; summaries of these plays written in French;

one play read privately and a review given in class. Three hours. Second semester.

SCIENTIFIC READING (4b). Open to the students in the scientific groups who have had (1) and (2). One hour. Second semester.

A club will be formed, if desired, at the beginning of the first semester, to meet once in two weeks, for practice in conversation.

GERMAN

PROFESSOR HARWOOD.

First Year:

GERMAN (1a). Selections from the works of modern essayists, historians, journalists, and novelists, for the purpose of presenting to the student different styles of prose. Three hours. First semester.

SCIENTIFIC READING (1b). This course is especially designed for students in the scientific groups who have completed the required Academy German. One hour. First semester.

GERMAN (2). Continuation of (1a). One hour will be given to a general survey, with text-book, of German literature. Four hours. Second semester.

Second Year:

SCHILLER (3). Two or three dramas read in class, quotations selected and committed to memory, outlines made of plays read, résumés written in German; one drama, at least, read privately and a summary given in class. Three hours. First semester.

GOETHE (4). This course is conducted in the same manner as the preceding. Three hours. Second semester.

Third Year:

TEACHERS' COURSE (5). Open to those who are taking course (3), or to those who have completed courses (3) and (4). The aim of the course is to give to those who intend to teach, a thorough review in grammar, practice in prose composition, and conversation. One hour per week through the year.

Throughout the three years of college German, as much additional work as possible will be given in composition, conversation, sight- and sound-reading, dictation, and memorizing.

ENGLISH

PROFESSOR SHEARIN.

First Year:

COMPOSITION-LITERATURE (1). Study and practice in the writing of prose forms. Shakespeare and Victorian literature: five plays of Shakespeare, selected works of Carlyle, Ruskin, and Matthew Arnold, Tennyson's *Idyll's of the King*. Required for graduation.

Four hours credit; none given for less than a full year's work.

The following courses are elective within the restrictions indicated in each case.

THE EPIC (2). Spenser's *Færie Queen* and Milton's *Paradise Lost* will be read, with special reference to literary type, sources, historical setting, structure, and versification. Lectures, reports, and class work. Four hours. First semester.

THE RISE OF THE DRAMA (3a). The liturgical plays, mystery cycles, moralities, interludes, the earliest comedies and tragedies. Lectures on the evolution of the dramatic type. This course is preparatory to (3b). Two hours. First semester. Omitted in 1905-6.

SHAKESPEARE AND THE ELIZABETHAN DRAMA (3b). Lyly, Greene, Peele, Kyd, Marlowe, Shakespeare, Jonson. Lectures on dramatic structure and technique. The preceding course (3a) is desirable as a pre-requisite. Two hours. Second semester. Omitted in 1905-6.

PRE-CHAUCEIRIAN LANGUAGE AND LITERATURE (4a). Old English and a cursory view of Middle English. This course is preparatory to the following one (4b). Two hours. First semester.

CHAUCEIR (4b). Class work in selected portions of the poetry, with regard to the language, literature, verse forms, etc. Lectures on the life, art, time, and contemporaries of Chaucer. The preceding course (4a) is a pre-requisite. Two hours. Second semester.

THE ROMANTIC MOVEMENT (5). The period of individualism; the nature poets and the literature of the Revolution. Four hours. First semester. Omitted in 1904-5.

TENNYSON AND BROWNING (6). Four hours. Second semester. Omitted in 1904-5.

THE DEVELOPMENT OF PROSE FICTION (7). Two hours. First semester. Omitted in 1904-5.

ADVANCED COMPOSITION AND LITERARY CRITICISM (8). This is an informal seminary course, meeting once a week to discuss various forms of original work presented by members of the class. Principles of structure and of finish essential to such practical forms as letters, reports, themes and essays, to the

debate, the oration, the short story, etc., will be sought out and exemplified in the productions of the class. Two hours credit. Second semester. Given in 1904-5.

AMERICAN LITERATURE (9). Four hours. First semester. Omitted in 1904-5.

HISTORY OF THE ENGLISH LANGUAGE (10). Phonetics; the phonology, accidence, and syntactical development of the language. Two hours. Second semester. Given in 1904-5.

ENGLISH RESEARCH (11). This course is open, upon permission from the professor, to those students in Group VI, who have not less than thirty hours of credit in the major studies of that group. Definite and feasible subjects will be assigned for original research under the personal supervision of the instructor. Not less than two or more than four hours credit will be given for one semester's work.

MATHEMATICS

PROFESSOR CHANDLER.

First Year:

ALGEBRA (1). Functions and limits, derivatives, series, logarithms, permutations and combinations, probabilities, theory of equations, graphic solutions. (Taylor's College Algebra, Second Part.) Four hours. First semester. Required for graduation.

TRIGONOMETRY (2). An elementary course with applications. Plane and Spherical. (Ashton & Marsh.) Four hours. Second semester. Required for graduation.

Second Year:

ANALYTIC GEOMETRY (3). Plane, with some attention to Higher Plane Curves. (Hardy.) Three hours. First semester.

CALCULUS (4). An elementary course in Differential and Integral Calculus with geometrical and physical applications. (Taylor.) Three hours. Second semester.

Third Year:

CALCULUS (5). A continuation of the preceding course with special attention to curve tracing and processes of reduction. Three hours. First semester.

ANALYTIC MECHANICS (6). A recitation course with numerous examples. (Bowser.) Three hours. Second semester.

SURVEYING (7). Field practice with compass, level, and transit, followed by plotting and calculation of field work. Pre-requisite: Trigonometry. Five hours. Second semester.

Each of the following courses will ordinarily be offered only in alternate years, but this order may be varied, if advisable, in order to accommodate special needs or preferences of students.

DESCRIPTIVE GEOMETRY (8). A brief course. Problems relating to points, lines, planes, solids, and surfaces of revolution. (Faunce.) Two hours.

DETERMINANTS (9). (Weld.) Two hours.

PROJECTIVE GEOMETRY (10). (Reye, Holgate's translation.) Two hours.

DIFFERENTIAL EQUATIONS (11). (Page's Ordinary Differential Equations.) Two hours.

QUATERNIONS (12). Vector analysis, straight line and plane, conics, (Kelland and Tait.) Two hours.

THEORY OF FUNCTIONS (13). (Durege, Fisher and Schwatt's translation.) two hours.

ASTRONOMY

DESCRIPTIVE ASTRONOMY. An elementary course presenting the fundamental facts and methods of astronomy. Requires no mathematics beyond elementary trigonometry. (Young's Manual of Astronomy.) Three hours. First semester.

BIOLOGY

PROFESSOR MILLIKEN.

First Year:

GENERAL BIOLOGY (1). This course is introductory to all advanced biological courses. It also meets the needs of those who wish to get some knowledge of the general principles of biology, without taking an extended course. First, the living substance, protoplasm, is examined and its characteristics studied. Emphasis is placed upon the fundamental points of resemblance of all living things, plants and animals. Then a detailed study is made of an animal, the earthworm, and of a plant, the fern. Pre-requisite: General Chemistry (1). Four hours. Second semester.

Second Year:

GENERAL BOTANY (2). The student who has become familiar with one plant by taking course (1) has the opportunity in this course of studying the various kinds of plants. The laboratory work is a study of representative classes of cryptogams and work on the structure of the various organs of phenogams. The lecture and text-book work deals with the classification of plants and with plant physiology. Pre-requisite: General Biology (1). Four hours. First semester.

COMPARATIVE ANATOMY OF INVERTEBRATES (3a). The anatomy, and to some extent the physiology, of invertebrate animals is studied. Dissections and drawings are made of representatives of the most important classes of invertebrates. Pre-requisite: General Biology (1). Five hours. First semester.

COMPARATIVE ANATOMY OF VERTEBRATES (3b). This is a continuation of course (3a) of the first semester. Dissections are made of fish, amphibian, reptile, bird, and mammal. Pre-requisite: (3a). Five hours. Second semester.

Third Year:

HISTOLOGY (4). The student who has completed course (3) on the gross anatomy of animals is prepared to study the microscopic structure of the various tissues. Each student prepares sections, stains and mounts tissues, and makes drawings from his own preparations and from preparations selected from a large collection of slides belonging to the department. Pre-requisites: (1) and (3). Five hours. First semester.

EMBRYOLOGY (5). Work is confined to the embryology of the vertebrates, the frog and the chick serving as types. The laboratory is provided with an incubator and each student makes preparations of the different stages of development of the types studied. Pre-requisites: (3) and (4). Five hours. Second semester.

Fourth Year:

BACTERIOLOGY (6a). This course is intended to give training in bacteriological technique and to give a knowledge of the principles of bacteriology. The characteristics of a number of typical bacteria are worked out in detail and then the names of unknown species are determined. Experiments are performed illustrating the physiological characteristics of bacteria. Quantitative analyses are made of water, air, milk, etc. Continued in second semester. Pre-requisite: (4). Five hours. First semester.

BACTERIOLOGY (6b). This is a continuation of (6a). The bacteriology of sewage, water, dairy products, etc., is taken up in some detail. Members of the class make reports on bacteriological articles in current magazines, German and English. Each student carries out a special line of investigation upon which a short thesis is written. Pre-requisite: (6a). Five hours. Second semester.

PHYSIOLOGY (7a). This course is especially valuable to those intending to study medicine. It will also be found helpful by students intending to teach and by those taking courses in psychology. Howell's American Text-Book of Physiology is used as a text. Demonstrations are given from time to time and some laboratory work is done. Pre-requisite: (3a) and (3b). Three hours. First semester. Given in alternate years.

PHYSIOLOGY (7b). This is a continuation of (7a), which is a pre-requisite. Three hours. Second semester.

THE PUBLIC HEALTH (8). A course of lectures, one lecture a week, open to all students. No credit. Second semester.

CHEMISTRY

PROFESSOR WEIDA.

FIRST YEAR (1 and 2). These courses are open without pre-requisites other than the college admission requirements. They cover the subjects of experimental chemistry and elementary qualitative analysis. Class work four hours per week, supplemented by two two-hour periods in the laboratory. Four hours credit per semester.

SECOND YEAR (3 and 4). Open to all who have completed a year's work in chemistry, as outlined above. The subjects covered will include organic chemistry, history of chemistry, and a review of special parts of general chemistry. Class work four hours per week, supplemented by two two-hour periods in the laboratory. Four hours credit per semester.

MEDICAL AND PHYSIOLOGICAL CHEMISTRY (5). A technical course for those who desire to enter on the study of medicine. Pre-requisites: Organic chemistry, general biology, and physiology. Amount of credit and other details arranged by conference with the professor. Second semester. Offered in 1904-5 and alternate years thereafter.

ADVANCED LABORATORY WORK. The following advanced courses are open only to those who have completed at least two years of chemistry as outlined above. The work may be done by properly qualified students each semester, all details as to hours and amount of credit to be arranged with the professor. Subjects: QUANTITATIVE ANALYSIS (6), offered in 1904-5; ORGANIC PREPARATIONS (8), offered in 1905-6; RESEARCH WORK, after the above courses.

PHYSICS

PROFESSOR —————

FIRST YEAR (1 and 2). These courses are open only to those who have had trigonometry; or preferably should be taken after the student has had still more mathematics. The year's work covers the whole ground of general physics. Four hours class work per week, supplemented by two periods in the laboratory. Four hours credit each semester.

SECOND YEAR (3 and 4). Open only to those who have completed a year's work in physics as described above, and who have studied calculus. These courses cover the whole subject of physics from a more mathematical point of view. Four hours class work each week, supplemented by two periods in the laboratory. Four hours credit each semester.

ADVANCED PHYSICS (5). Special courses of study and work in both laboratory and library for those who have completed the two years outlined above. The special subject, hours, and amount of credit to be arranged with the professor.

MINERALOGY AND GEOLOGY

PROFESSORS WEIDA AND MILLIKEN.

DESCRIPTIVE MINERALOGY (1). This course consists of the study of crystal forms, optical properties, chemical composition, and description of the principal minerals. Pre-requisites: Chemistry (1) and (2), Physics (1) and (2). Four hours credit. Offered in the first semester, if four or more apply for it.

GENERAL GEOLOGY (2). The class work will be based on Scott's Introduction to Geology, supplemented by work in the library, and field work as far as time permits. Pre-requisites: Chemistry (1) and (2), and General Biology. Four hours. Second semester.

HISTORY, ECONOMICS, POLITICAL SCIENCE, SOCIOLOGY

PROFESSOR MARSTON.

HISTORY.

AMERICAN HISTORY (1). A general survey of the social, economic, and political history of the United States. Not open to first year students. All other courses in American history must be preceded by course (1) or an equivalent. Required of students in the History-Political Science group. Four hours. Given first semester 1905-6 and alternate years.

TERRITORIAL EXPANSION OF THE UNITED STATES (2). A consideration of the Western movement in our country from the Atlantic to the Pacific, including our late colonial possessions. Particular attention will be given to that physiography of the country which has produced peculiar results upon the people and their occupation; the part the West has played in our national history; the admittance of new states, their constitutions, and their rise in power; emigration, transportation, etc. Pre-requisite: Course (1). Three hours throughout the year. Given in 1904-5 and alternate years.

DIPLOMATIC HISTORY OF THE UNITED STATES (4). This will be a study of the international relations of the United States from 1775 to the present day, including such topics as the following: treaties relative to American commercial relations between various countries; foundation of a national foreign system in 1775; committee of foreign relations; embassies to Europe; French alliances; Spanish territorial diplomacy. Pre-requisite: Course (1). Three hours. Given second semester, 1905-6 and alternate years.

ANCIENT HISTORY (5). A brief outline of Oriental history, and a more particular study of Greece and Rome. Required of students in the History-Political Science group. Four hours through the year. Given in 1905-6 and alternate years.

MEDIAEVAL HISTORY (6). A general survey of the history of continental Europe from the barbarian invasion to the close of the fifteenth century. Required of students in the History-Political Science group. Four hours. Given first semester, 1904-5 and alternate years.

MODERN EUROPEAN HISTORY (8). A general survey extending from the close of the fifteenth century to the present day. Required of students in the History-Political Science group. Four hours. Given second semester, 1904-5 and alternate years.

ENGLISH HISTORY (7a). A general survey of the political, social, and economic history of England. Required of students in the History-Political Science group. Three hours. Given first semester, 1904-5 and alternate years.

ENGLISH HISTORY (7b). A continuation of course (7a), giving one hour additional credit for extra reading and research; open to those only who are taking course (7a). Given first semester, 1904-5 and alternate years.

ENGLISH CONSTITUTIONAL HISTORY (9a). From the earliest time to the present day. The design of the course is to explain the origin and development of the English constitution. Pre-requisite: Course (7a). Three hours. Given second semester, 1904-5 and alternate years.

ENGLISH CONSTITUTIONAL HISTORY (9b). A continuation of course (9a), giving two hours additional credit for extra reading and research; open to those only who are taking course (9a). Given second semester, 1904-5 and alternate years.

THE EASTERN PROBLEM (11). India, China, and Japan will be given particular attention. Russia's interest in the East and the decline of the Ottoman Empire will be dwelt upon. The chief factors which have gone to make up both the Near and Far Eastern Questions will be carefully examined, with reference to race and religion, the policies of the great powers, as well as the interests and ambitions of the minor states most directly concerned. The period more especially covered will be the nineteenth century. Pre-requisite: Course (8). Two hours. Given second semester, 1906-7 and alternate years.

ECONOMICS.

PRINCIPLES OF ECONOMICS (1). A general survey introductory to all other courses in economics. Not open to first year students. Required in the History-Political Science group. Four hours. Given first semester, 1904-5 and alternate years.

PRINCIPLES OF PUBLIC FINANCE (2). A general course on public expenditure, public revenue, and public credit. Pre-requisite: Course (1). Four hours. Given first semester, 1905-6 and alternate years.

ECONOMIC PROBLEMS (3). This course embraces a study of taxation; free trade and protection; immigration; industrial crises; transportation; the trust

problem and municipal ownership. Pre-requisite: Course (1). Four hours. Given second semester, 1905-6 and alternate years.

MONEY AND BANKING (4). History and theory of each; the value and functions of money; standards of value; paper money; chief currency systems of the world; natural laws of banking; the chief banking systems of the world; systems of regulation; government notes; clearing houses; foreign exchanges; bimetallism. Pre-requisite: Course (1). Three hours. Given second semester, 1904-5 and alternate years.

POLITICAL SCIENCE.

THE GOVERNMENT OF COLONIES AND DEPENDENCIES (1). From Phœnician colonization to the present time; forms of government in the colonies and dependencies of the principal countries of to-day, and our own colonial problems. Not open to first or second year students. Two hours. Given first semester, 1905-6 and alternate years.

HISTORY AND THEORY OF THE STATE (2). The general principles of political science, its province and problems; the concept of the state at different epochs; ends of the state; its sphere of authority. Not open to first year students. Two hours. Given first semester, 1904-5 and alternate years.

UNITED STATES CONSTITUTIONAL LAW (4). The constitution of the United States will be studied not simply as a document, but at work, and in the light of judicial interpretation. Special attention will be given to the powers of Congress, the restrictions upon the states, the jurisdiction of the courts, and the meaning and scope of the amendments. Pre-requisite: American History (1). Three hours. Given second semester, 1904-5 and alternate years.

INTERNATIONAL LAW (5a). The nature and history of international law, and the rules observed among states during peace, war, and neutrality. Two hours. Given first semester, 1905-6 and alternate years.

INTERNATIONAL LAW (5b). A continuation of course (5a), giving two hours additional credit for extra case work and reading. Open to those only who are taking course (5a). Given first semester, 1905-6 and alternate years.

ELEMENTARY LAW (6a). The nature and sources of law, and the method of its application. Text-book work, accompanied by oral exposition. Given second semester, 1905-6 and alternate years.

ELEMENTARY LAW (6b). A continuation of course (6a), giving one hour additional credit for extra reading and research work. Open to those only who are taking course (6a). Given second semester, 1905-6 and alternate years.

SOCIOLOGY.

THE ELEMENTS OF SOCIOLOGY (1). The course is constructive rather than critical. The purpose will be a rational interpretation of existing society. Elementary forms of society; organization of the family, clan, tribe, state; the relative importance of military, economic, and ethical ideas at successive stages in the growth of society. Two hours. Not open to first or second year students. Given first semester, 1905-6 and alternate years.

PROBLEMS IN SOCIOLOGY (2). The laws of population; degeneracy; poor relief, private and public; the tenement question; slums; social settlement; the liquor problem; crime; penology; methods of social reform, etc. Not open to first or second year students. Two hours. Given second semester, 1905-6 and alternate years.

ORATORY AND EXPRESSION

MISS WYMAN.

EXPRESSION. A course in the theory and practice of voice culture and vocal expression, conducted by means of lectures and by individual criticism of each student's work. One hour. Through the year.

Advanced work in Music, as outlined in the Conservatory courses, on page 42, are credited as college electives. However, the maximum of credit will be eight semester hours.

GENERAL INFORMATION

DEGREES

The degree of Bachelor of Arts is conferred by the Board of Trustees, on recommendation of the Faculty, upon those students who have completed the collegiate course of study.

The degree of Master of Arts may be conferred upon any graduate of this college, or of any college offering substantially equivalent courses, who shall have completed an approved course of non-professional study sufficient to constitute an additional year of college work, one-half of which, at least, is in a single department or in closely allied departments. This work may be done during one year in residence at the College, or in the case of graduates of this College, during two years of non-residence. Examinations in all work of the approved course are required, and a satisfactory thesis upon some subject connected with the leading department of the course must be presented at least one month before the close of the college year. Fees for all special examinations and the usual fee for the diploma are required.

TERMS AND VACATIONS

The college year is divided into two terms of eighteen weeks each. The first term of the year 1904-5 begins on Wednesday, September 14th. There are two vacations, one of two weeks at Christmas time and another of one week beginning March 29th. The work in Music and in Art is arranged in three terms of twelve weeks each.

RELIGIOUS SERVICES

Excepting Saturday, a brief united religious service in the College Chapel closes the duties of each week-day. Each student is expected to attend this. The spiritual life of the students is unusually strong. They are always welcomed in the Sunday services of the various churches and Sunday schools in the city, where many of them render valued assistance.

On Tuesday evenings, at 7:00 o'clock, students and faculty meet for an hour of prayer service. On Sunday afternoon, at 4:00 o'clock, the Young Men's Christian Association holds regular services at its room in West College. At the same time the Young Women's Association meets in the parlors of Bartlett Cottage. The tone of the College is dominantly Christian, and voluntary clubs and classes give every opportunity to those interested in Bible and mission study.

PHYSICAL CULTURE

Athletic sports and systematic physical culture, under a competent director, are encouraged. During the winter months, the gymnasium gives opportunity for preliminary track work drill. Ingalls Park is the college athletic field, with covered grand-stand and good quarter-mile track. The students, organized as the College Athletic Association, have always had control of athletics, the maintenance of teams, and the selection of officers. To secure steadiness and business methods in the management, general supervision of such matters is placed in the hands of a committee of three, representing students, alumni, and faculty. At the request of the student body, a fee of seventy-five cents per semester, incorporated into the incidental fee, is collected by the College Treasurer, who is also treasurer of the Association, for the support of athletics.

ELIGIBILITY FOR COLLEGE CONTESTS. No student conditioned in any study can represent the College in any intercollegiate contest, whether athletic, oratorical or otherwise. Such a student is also debarred from entering home primary contests as a candidate for this honor.

LIBRARIES

MAIN LIBRARY. This occupies well lighted rooms in Ingram Hall. Exclusive of duplicates, it contains a little over twelve thousand titles, about seven hundred of which have been added during the year. The Athenian and Ecolian Societies' libraries are incorporated into the main library and consist of over fifteen hundred volumes.

The library is well supplied with works of reference and has nearly complete bound sets of the standard magazines. Tables are provided for consultation and investigation, and the students have access to the alcoves. Abundant facilities are provided for reading and study during library hours. Books may be drawn each week day under proper regulations. Students may draw books also from the city library.

READING ROOMS. A reading room is maintained in connection with the library; it is supplied with dailies and weeklies in English, French, German, and Welsh. It contains also about thirty of the leading monthly magazines of more or less technical character, selected by the heads of the departments.

DEPARTMENTAL LIBRARIES. In order to encourage the students in original investigation, there has been inaugurated the departmental library system. Eight libraries have been established in connection with the several academic departments, each containing such reference books, texts, and periodicals as are needed for immediate and constant use. These branch libraries are to be found in rooms adjoining the biological, chemical, and physical laboratories, also in

connection with the departments of Greek, Latin, French and German, English, and History. They are being carefully catalogued by authors and subjects. Additions of books are made each year, and only such books are purchased as are recommended by heads of departments, thus securing a wise selection of material.

LABORATORIES

Ingram Hall, named in honor of O. H. Ingram, Esq., of Eau Claire, is devoted to the use of the scientific departments of the College. It is a large building — 73 x 121 feet — having three stories, with basement, and is admirably adapted in every way to the uses for which it was designed. The first story and a part of the basement are utilized for the department of biology. In the second story is the department of physics, and the third story contains the department of chemistry. Each department has a large and conveniently arranged lecture room. There is also a room upon each floor for the storage and display of museum preparations. The zoölogical collections are upon the first floor, the botanical and geological upon the second, and the mineralogical upon the third.

BIOLOGICAL LABORATORIES. These are large, well lighted, and well equipped. Two of the laboratories are provided with tanks and aquaria with running water. The equipment includes compound and dissecting microscopes, camera lucida, microtome, paraffin bath, centrifuge, incubator, etc. In the basement is a vivarium and an injection room, both with cement floors. The biological library is on the same floor with the laboratories. It contains standard works, as well as the best journals, both English and German.

CHEMICAL LABORATORIES. The general laboratory is equipped with thirty-five desks supplied with lockers, gas, and water. The qualitative laboratory is similarly provided for and accommodates twenty students. The quantitative laboratory has desk room for sixteen, and adjoining this is a large balance room. All laboratories are supplied with hoods. In addition to these, the department has a private laboratory, preparation and storage rooms, and a library. An assaying room is arranged for in the basement. The department is well equipped with apparatus for all the courses.

PHYSICAL LABORATORIES. A large laboratory for work in general physics, two laboratories for advanced work, photometric room, preparation room, balance and dark rooms, a library and private laboratory occupy the second floor. In the basement a large room provided with piers of masonry is reserved for work in electricity. A forty-foot suspension shaft is arranged for pendulum observation. All laboratories are supplied with hoods, sinks, water, and gas. Ample facilities are offered for work in several branches of pure physics.

DORMITORIES

ELISHA D. SMITH HALL. This was opened in January, 1903, and affords every comfort and convenience to the men of the College. It is finished throughout in hardwood, with plumbing and lighting of the best. The rooms are large, consisting of study, alcove, and wardrobe en suite. Several of these suites have been furnished by churches and individuals. Others are rented without furniture. The large reception room opposite the entrance corridor was furnished in memory of Mr. A. P. Harwood, who was for many years a trustee of the College.

The class of 1902 furnished as a hospital a suite of rooms on the third floor in memory of their classmate, Henry Storrs Hall. This is admirably adapted to the care of any students who may be sick.

BARTLETT COTTAGE. This is named in honor of the late Sumner Bartlett, of Oshkosh, and furnishes a comfortable home for the young women. It is built of brick, is heated with steam, and is supplied with hot and cold water. The rooms are large and pleasant, and are partly furnished with the heavy pieces. Recently a new dining room and kitchen have been opened so that the young women board in the building.

EXPENSES

It is the intention to keep expenses as low as is consistent with good living. All bills must be paid, or satisfactory arrangements made with the Treasurer, within two weeks after entrance. If for any good reason a student leaves before the middle of the semester, one-half of his fees will be refunded.

The figures in the table below are for one semester. It should be carefully noted that similar quotations under the Conservatory of Music (page 44) and under the schedule of Art and Expression (page 46), are given for a term of twelve weeks.

Tuition	\$10.50
Incidental fee	9.00

LABORATORY FEES.

Physics	2.50
Bacteriology and embryology	7.50
Biology, vertebrate anatomy, histology, advanced botany.....	3.00
Chemistry	6.00
Chemistry, breakage deposit	3.00

ROOM RENT.

Room rent in Bartlett Cottage, including heat:

First and second floors	18.00
Third floor	12.00

Room rent in Smith Hall, including heat.....\$15.00 to 36.00

Board in College Hall, about..... 40.50

Board and furnished room, in private families, about..... 72.00

The prices of rooms given are for the semester and for the single student. The student rooming alone is required to pay the price of the entire room.

PRIZES

LEWIS PRIZE. This was established by Hon. J. T. Lewis, of Columbus. The annual income of a fund of \$200 will be given to the student handing in the best set of notes on the biological work of the freshman year. It will not be awarded for inferior work.

CLASS OF 1896 PRIZE. The income, about \$20, of the Memorial Prize Fund of the class of 1896 will be awarded to the successful contestant in a declamatory contest between members of the junior class.

STUDENT ORGANIZATIONS

LITERARY SOCIETIES. There are two literary societies: one for women of both College and Academy, and one for the men of the College. A third society is maintained by the men of the Academy. These societies have well furnished halls, and afford their members valuable means of voluntary improvement.

ORATORICAL UNION. Ripon College is one of the three constituting the State Oratorical Association. In the selection of contestants and in all official dealing with the State society, the students are represented by the local Oratorical Association. All students are eligible to membership.

COLLEGE PAPER. The organ of college spirit and of student opinion, the voice of their literary and social activities, is *The College Days*. This is published by an annual board of editors selected by the literary societies.

ATHLETIC ASSOCIATION. As noted above, under the heading Physical Culture, all athletic interests are placed by the student body, which constitutes the Athletic Association, in the hands of an annually elected committee of three.

CHRISTIAN ASSOCIATIONS. The Y. M. and Y. W. C. A. are strongly organized, doing work as noted under the heading Religious Services.

FINANCIAL AID

RUFUS DODGE FUND. The late Rufus Dodge, of Beaver Dam, left the College a legacy of \$9,000 as a permanent fund to aid young women of limited means in getting an education. The interest of this fund will be annually distributed among such students for this purpose, according to their need.

PERMANENT SCHOLARSHIPS. Three permanent scholarships have been founded for the benefit of young men of limited means. The income from these is applied annually in payment of the tuition of those whom the President may designate as proper persons to receive it.

SELF HELP. Young men who need it may generally find remunerative employment for an hour or two a day, but the College does not agree to furnish it. No person should expect to pay the whole or a very large part of his expenses by his own labor, and still to complete the course within the usual time. Those who wish an education and are willing to work for it, are invited to write, stating their circumstances and plans.

LOCATION

Ripon is one of the most attractive residence cities in the state of Wisconsin. High location on a gravelly soil gives almost perfect drainage, so that the city has a remarkable record for healthfulness, diseases connected with poor drainage being entirely unknown. The water supply is exceptionally pure, and the city has an admirable sewerage system. It is easily reached from any part of the state by way of either the Chicago & Northwestern or the Chicago, Milwaukee & St. Paul railways. The college campus is in the most elevated part of the city and its buildings command extensive and beautiful views of the surrounding country.

THE ACADEMY

Any student deficient in the college entrance requirements here finds opportunity for one to three years of training in sub-freshman studies. Graduates of three-year high school courses especially will have a most favorable opportunity to complete their preparation for college, for the professional schools, or for business. The courses are definitely correlated, yet are arranged so as to be flexible enough to meet the particular deficiencies of all in the sub-freshman rank. The Academy classes are under the supervision of professors of the corresponding departments in the College.

PRIVILEGES

Academy students are admitted to the same privileges as college students. They share in the use of the libraries, laboratories, gymnasium, and dormitories. The newly remodeled Smith Hall affords a delightful home to the occupants of the building. It has been completely refurnished and improved with all the modern conveniences, and challenges comparison with any men's dormitory in the West. See the preceding pages of the college catalogue for further description.

A literary society the Philomathean, is maintained by the young men of the Academy for the cultivation of literary ability, with especial reference to skill in public speaking and debate. Meetings are held every Monday evening. Interscholastic debates are arranged, in which much interest is shown. The young women of the Academy are admitted to the Ecolian Society of the College.

EXPENSES

The price of rooms and board in the Academy is the same as that of the College, listed on page 36. Laboratory fees in the Academy are as follows:

Laboratory fee, elementary physics, per semester.....	\$1.00
Laboratory fee, elementary botany, per semester.....	2.00

ACADEMY COURSES OFFERED

MATHEMATICS.

First Year:

ELEMENTARY ALGEBRA (A and B), for five hours per week each semester.

Second Year:

PLANE GEOMETRY (C) for four hours per week, first semester.

SOLID GEOMETRY (D) for four hours per week, second semester.

SCIENCE.

First Year:

PHYSICAL GEOGRAPHY for five hours per week, first semester.

ELEMENTARY BOTANY for five hours per week, second semester.

Second Year:

PHYSICS (A and B) for three hours per week, each semester.

GREEK.

First Year:

(A and B). First Greek Book, Anabasis I, and prose composition. Five hours per week, each semester.

Second Year:

(C and D). The Anabasis, grammar, prose writing, and four books of the Odyssey. Five hours per week, each semester.

LATIN.

First Year:

(A and B). First Latin Book, selections from Viri Romæ. Five hours per week, each semester.

Second Year:

(C and D). Cæsar I and II, Sallust's Catiline, Cicero's orations against Catiline and two other orations, and prose composition. Five hours per week, each semester.

Third Year:

(E and F). Six books of the Aeneid, and one of Cicero's shorter works. Five hours per week, each semester.

GERMAN.

First Year:

(A and B). Grammar, reading, conversation, and memorizing of ten selections of prose and verse. Five hours per week, each semester.

Second Year:

(C and D). More difficult reading, composition, and the memorizing of ten selections in prose and verse. Five hours per week, each semester.

ENGLISH.

First Year:

(A and B). Study of college entrance requirements. Three hours per week, each semester.

Second Year:

(C and D). More advanced college entrance requirements. Three hours per week, each semester.

Third Year:

(E and F). College entrance requirements completed. One hour per week, each semester.

HISTORY.

First Year:

(A and B). Ancient history: Oriental, Greek, and Roman. Three hours per week, each semester.

Second Year:

(C and D). Modern European history, from the close of the fifteenth century to the present; English history. Three hours per week, each semester.

BIBLE.

BIBLE (A and B) for one hour per week each semester, second year.

CONSERVATORY OF MUSIC

THEO. F. MEIER, DIRECTOR.

The work of the Conservatory is complete in scope and systematic arrangement. Each department is in charge of a specialist, and the equipment is in every way adequate to the highest standards of musical instruction. The following are the courses offered:

1. A Course in Piano.
2. A Course in Violin.
3. A Course in Voice Culture.
4. A Course in Pipe Organ.
5. A Course in Theory and History of Music.

These courses are organized in two distinct departments of study:

- I. Course of General Music Instruction.
- II. Artist's Course, leading to Certificate of Graduation.

Course I is open to those wishing to pursue elementary musical study or to prepare for the more advanced courses offered. No previous knowledge of music is required. Students may choose any one or as many of the studies offered as desired, but may not register for less than one term. No diploma will be given in this course, but those who have done creditable work will be given a statement regarding their musical ability.

Course II is open to any person who desires to merit a certificate of graduation. Students taking this course are required to pursue the study of harmony and musical history in connection with their main work (Piano, Violin, Voice Culture, or Organ). The time required to finish this course is determined by the needs and the advancement of the individual student. All students must have some ability on the piano to graduate.

PIANO

PROFESSOR MEIER.

Here, as in all the branches, the material for study and musical recreation is chosen with the greatest care and with a view to laying a good foundation for advanced and artistic work. All the details regarding the correct position of the player and his hands and fingers receive the most careful attention, and great stress is laid upon the kind of practice which will tend to place the technique upon a good, sound basis. For beginners, such works as the first books of Lebert and Stark Piano School, studies and pieces by Berens, Breslaw, Gurlitt, Koehler, Kirchner, and other prominent masters are used. Later, Exercises and Scales by Herz, studies by Berens, Bertini, Brauer, Doering, Lemoine, Loeschhorn, and the School of Etudes by Kuehner are considered in order, together with sonatinas by Beethoven, Clementi, Dussek, Kuhlau, and pieces of classic and modern composers of merit. Advanced studies by Berens, Doering, Cramer, Heller, Haberbier's Etudes, Poesies, Loeschhorn, Mayer, Czerny,

Velocity Studies and Forty Daily Exercises, Bach's Inventions and Well-Tempered Clavichord, Clementi's *Gradus ad Parnassum*, Moscheles, technical studies by Eggeling and Ruebner, sonatas and pieces by Hadyn, Mozart, Beethoven, Hummel, Clementi, Schubert, Schumann, Mendelssohn, Chopin, Brahms, Liszt, Moszkowski, Tschaikowsky, Grieg, X. Scharwenka, Ph. Scharwenka, Foote, Chadwick, MacDowell, and other masters, are used.

VIOLIN

PROFESSOR MEIER.

In teaching this instrument, the individual need of each student is so prominent a factor that it is difficult to outline a definite course of study. The following are some of the works used: For beginners, the First Book of the School of E. Singer and M. Seifriz, or the First Book of either the Herman or Schroeder School, together with studies by Kaiser, Dont, Singer, Sevcik, for bowing, etc. Arrangements of folk songs, easy pieces and duets will be given as soon as the student's progress warrants it. After the first position has been thoroughly mastered, the study of the other positions is taken up and the position book of the Singer and Seifriz School used, or the second book of the School by David, with position studies by Ries to supplement it. When the student has the necessary ability in each position and in the changing of positions, the studies by Kreuzer are taken up. These are followed by those of Fiorillo, Rhode, Rovelli, de Beriot, Gavinies, Vieuxtemps, and Paganini, interspersed with pieces, sonatas, and concertos by Viotti, Kreutzer, Rhode, David, de Beriot, Dancla, Alard, Ries, Mozart, Beethoven, and others of the classic as well as of the modern school.

ENSEMBLE PLAYING

With the advanced students in piano and violin playing classes are formed for the study of the standard compositions in Chamber Music. Most valuable experience is gained in playing with others, and in musical interpretation that can be acquired in no other way. There is no charge for this work.

THEORY AND HISTORY OF MUSIC

PROFESSOR MEIER.

The course in theory includes Harmony, Counterpoint, Canon and Fugue, Musical Form and Analysis, and Musical History.

VOICE CULTURE AND SINGING

MR. POWERS.

The object of this department is to furnish the best facilities for the development of vocalists for chorus and solo singing, and to give students voice culture in its relation to song and speech.

Especial attention is given to a correct position of the body in singing, a healthy and skillful management of the breath, the production of a clear, full, and resonant tone free from the throat, distinct enunciation, the art of phrasing correctly, and the development of a refined musical taste.

Applicants for admission to this department must be familiar with musical notation, must be able to reproduce any given tone, and to sing from memory some simple melody. The Italian method is used. The following is the outline of the Vocal Course:

Studies by Concone, Vaccai, Marchesi, etc., with the songs of Schubert, Mendelssohn, and arias from the oratorios and operas, as well as ballad-singing.

SIGHT SINGING AND CHORUS WORK

Abundant opportunity is furnished to practice Sight-Singing. As all absolute, or instrumental, music is based on singing, it is expected that all music students will avail themselves of this opportunity.

PIPE ORGAN

MR. ALBERT G. MEIER.

A course in Pipe Organ playing is offered, but the student must previously have studied piano or reed organ playing. It is also advisable that he study piano at the same time. The school by Ritter, two books, will be used, together with special studies for pedal technique, and other suitable literature as the student progresses.

FEES AND EXPENSES

Rates of tuition are for a term of twelve weeks:

PIANO, VIOLIN, VOICE, AND ORGAN.

One half-hour period per week.....	\$18.00
Two half-hour periods per week....	30.00
Piano practice one hour a day, per term.....	3.00

HARMONY, MUSICAL COMPOSITION, AND MUSICAL HISTORY.

In classes of four or more, one hour lesson per week.....	10.00
Private lessons	25.00
Sight-Singing (in classes), to those having other work in the Conservatory, and to regular college students, per term of 12 weeks	2.00
To those desiring this work only.....	5.00

GENERAL INFORMATION

1. Non-resident music students are under the same regulations as students in other departments of the College.

2. Names must be registered with the Director and one-half of the term's tuition paid before lessons are assigned. The second half must be paid in the middle of each term.

3. Students are received at any time, but not for a shorter period than one term (twelve weeks).
4. No deduction is made for absence from lessons, except in cases of protracted illness, in which case the School will share the loss equally with the pupil.
5. Students wishing to perform in public are expected to consult with the teacher and the Director.
6. In every case where it can be done conscientiously, pupils will be cheerfully recommended for positions as teachers and organists.
7. All pupils are required to be present at each and every recital, concert, and lecture, unless excused by the Director.
8. Pupils leaving town during lesson hours must be excused from those lessons by the Director.

DRAWING AND PAINTING

MISS WYMAN.

The work in these branches is thoroughly organized, with excellent supervision and equipment. The following courses are offered:

NORMAL ART COURSE.—This course will be adapted especially to the needs of teachers and supervisors of drawing in public schools.

Drawing.—In charcoal, pencil, pen and ink, and other mediums, from ornaments, casts, still life, and life. Large scale drawing on blackboard and paper; colored chalk; illustrative drawing.

Perspective and Object Drawing.—Illustrating principles of perspective; memory drawing upon paper and blackboard.

Color.—Water-color and chalk from still life, life, and landscape.

Design and Composition.—A special course in design from the standpoint of the teacher. A study of line, light, dark, and color. Design for wall paper, book covers, etc.

Paper Cutting.—Illustrating different forms.

Modeling in Clay.—From ornaments, casts, and life, also the shaping and decorating of pottery.

Instrumental Drawing.—Use of ornaments, relation of instrumental drawing to manual training. Constructive or hand work applicable to public schools, such as weaving and basketry.

Pedagogy.—History of Art Education, teaching exercises, lesson plans, model lessons. Examination of systems of art education now in use; picture study and study of artists.

History of Art.—Lectures, illustrated by slides and charts.

ACADEMIC COURSE.—The branches of instruction are drawing and painting. The mediums used are: charcoal, pencil, water-color, pen and ink, oil, and pastel. Instruction will be given in landscape painting, figure painting, fruit and flowers from copies and nature. Illustrative drawing. In this course pupils are allowed to take up any line of work they are fitted to pursue.

COURSE OF APPLIED DESIGN.—The object of this department is to acquaint the students with the principles, the historical resources, and the practical methods involved in ceramic design, so that they may independently create new and original designs suited to the nature and form of the materials.

The instruction in design includes the study of the sources of ornament, geometric and conventionalized, the distribution of areas, the effect of repetition and contrasts, and the artistic use of color.

The instruction in practical ceramics will cover processes and materials, the practical applications of designs to different forms, the use of mediums and the method of firing.

TUITION PER TERM OF TWELVE WEEKS.

1 Lesson per week.....	\$10.00
3 Lessons per week.....	27.00
6 Lessons per week.....	47.00

EXPRESSION AND PUBLIC SPEAKING

MISS WYMAN.

The instruction given occupies the medium ground between the Emotional, or Impulsive, School on the one extreme, and the Mechanical, or Imitative, on the other. The work is outlined as follows:

GENERAL COURSE. This general course includes the analytical study and vocal interpretation of some of the best English and American writers. In connection with this there is a course in physical culture according to Sargent and Anderson's Freehand System of gymnastics, with use of bells, wands, and other light apparatus. Special attention is given to breathing exercises and the cultivation of resonance.

PERSONAL CULTURE COURSE. This course is designed to furnish those not wishing to enter upon public work an opportunity to secure the personal development and culture gained from the study of Expression. The subject may be elected from the general course at the option of the student with the approval of the instructor.

TUITION PER TERM OF TWELVE WEEKS.

GENERAL COURSE.—2 half-hour lessons per week.....	\$10.00
Private lessons, one hour	1.00
PERSONAL CULTURE COURSE.—2 half-hour lessons per week.....	12.00

DEGREES GRANTED JUNE, 1903

MASTER OF ARTS

Honorary:

HON. ALBERT E. THOMPSON.....Oshkosh, Wis.
HON. CHARLES MERRILS POND.....Minneapolis, Minn.

In Course:

REV. WILLIAM JOHN STEWART.....Buda, Ill.
ARCHIBALD HENRY YOUNG.....Bangor, Me.

BACHELOR OF ARTS

MARGARET AGNES ABEL	RUSSELL THOMPSON CONGDON
ARTHUR JOSEPH BATTY	ROBERT WILLIAM GRIFFITH
WARREN HOWARD BARBER	LAURA ANGELICA MEIER
DIRK BRUINS	ALBERT GUIDO MEIER
JO LANA BELLE CATE	CAROLINE MADGE MORSE
ALLEN HARWOOD DUFFIE	VICTOR SHERWOOD KUTCHIN

PRIZES AWARDED JUNE, 1903

Freshman Mathematics.....ALBERT JAMES LOBB
James Prize in English—Freshman.....GRACE GERTRUDE GOODRICH
James Prize in English—Sophomore.....JOHN ABBOTT POWELL
Class of 1896 Declamatory Prize—Junior.....DAVID BREESE JONES

STUDENTS

S. denotes Smith Hall. B. denotes Bartlett Cottage.

GRADUATE STUDENTS

CLARK, LOTTA ELIZABETH	Ripon
MEIER, ALBERT GUIDO.....302 S.	Franklin
MEIER, LAURA ANGELICA..... 19 B.	Franklin

SENIOR CLASS.

BLOOM, ANNA ELIZABETH.....11 B.	Neenah
BLOOM, CLARA ANABEL.....11 B.	Neenah
CHANDLER, EDITH BEATRICE.....	Ripon
CLAWSON, FLORA LUCINA.....Dr. Foat's	Dartford
DAVIES, HOWELL DAVID.....203 S.	Oshkosh
DAVIS, EVA FLOY.....	Ripon
DAWLEY, ERWIN COUCH.....Miss Harris's	Antigo
HALL, RUTH .....Mr. Nohl's	Ripon
JONES, DAVID BREESE.....302 S.	Cambria
MCDERMID, JESSIE	Ripon
MERRELL, JULIA HOSFORD	Ripon
NEWSCHWANDER, EDGAR STORRS.....101 S.	Green Bay
STEWART, JAMES RUSSEL.....101 S.	Barrie, Ont.
VANDERVELDE, CONRAD .....301 S.	Brandon

JUNIOR CLASS.

BRUINS, FRANK JOHN.....201 S.	Brandon
EGGLESTON, FLORENCE ISABELLE.....	Ripon
HILL, MAY BRAINARD.....13 B.	Rosendale
HOLBROOK, CHARLES WILLIAM.....Mr. Brewer's	Union City, Mich.
JACKSON, FRANK ALONZO.....Miss Harris's.....	Dartford
LAMB, WILLIAM ASH.....306 S.	Roberts
MERRELL, GEORGE CLARK.....	Ripon
MORSE, CHESTER BIRNEY.....	Ripon
OWENS, JENNIE MARION.....9 B.	Tracy, Minn.
POWELL, JOHN ABBOTT.....203 S.	Rosendale
SCHOLES, BONNIE ELIZABETH.....Rev. Sanford's	Dartford
SCHOLES, SAMUEL RAY.....Miss Harris's	Dartford
THOMPSON, WILLIAM HILL.....201 S.	Ripon
WIESENDER, ARTHUR JAMES.....Miss Harris's	Dartford
WILLIAMS, ROBERT LLOYD.....Mr. Stone's	Milwaukee

SOPHOMORE CLASS.

ARPKE, HENRY FRED.....	303 S.	Franklin
FLAGLER, LAWRENCE ALLEN.....		Ripon
FORBES, ELMER LEONARD	Professor Marston's	Dartford
GIFFORD, BURTUS SENECA	106 S.	Fond du Lac
GOODRICH, GRACE GERTRUDE		Ripon
HARGRAVE, JOSEPHINE RUTH		Ripon
HARGRAVE, MARY BERTHA		Ripon
HOLTHOFF, ELLA GERTRUDE.....		Ripon
KELLOGG, AIMEE LAURA		Ripon
LOBB, ALBERT JAMES		Ripon
MORSE, CORA EUGENIE		Ripon
RAWSON, JOHN RUFUS	Professor Marston's	Portage
RICHARDSON, ELIZABETH	Mrs. Tracy's	Menasha
SANFORD, NELLIE DORA		Ripon
SKIDMORE, LEWIS HERBERT	Professor Marston's	Stockbridge
THOMAS, DAVID	305 S.	Wales
UTTER, GERTRUDE MARY.....	Mr. Chadbourn's	Trempealeau
VANDERVELDE, BERT	301 S.	Brandon

FRESHMAN CLASS.

AKIN, HOWARD MARSTON.....	Mr. H.S.Akin's, Willow River, Minn.	
ALLEN, FRANK CLARENCE.....	105 S.	Milwaukee
ANDERS, FRANK LAFAYETTE.....	Professor Marston's	Fargo, N. D.
BARLOW, BESSIE IONE		Ripon
BREWER, IDA MYRTILLA.....		Ripon
BUMBY, MARY TILLIE.....		Ripon
COLE, EDNA LAVINA.....	9 B.	Tracy, Minn.
CROWTHER, EDITH LILLIAN.....		Ripon
DAWES, LILLIAN	14 B.	Chicago, Ill.
DEXTER, MARTHA TORREY.....		Ripon
FOOTE, LOIS EMMA.....		Ripon
GRIFFITH, WILLIAM EDGAR.....	303 S.	Dousman
HAZELTINE, MABEL		Ripon
HEMP, BERNARD FORD.....		Ripon
HILL, ANNIE HOUSTAN.....	7 B.	Galesville
HILLARY, GEORGE	Mr. Howard's	Platteville
HOWE, HELEN		Ripon
KIDDER, HATTIE LOUISE.....		Ripon
LAACK, JULIUS AUGUST.....	108 S.	Plymouth
LA TOURETTE, ALEXANDRINE.....	Professor Milliken's	Fenton, Mich.
MERRELL, LILIAN CLENDENING.....		Ripon
MITCHELL, KATHRYN	19 B.	Fond du Lac

MORSE, THOMAS COUNTRYMAN.....	Mr. J. F. Morse's.....	Princeton
PICKERT, CHARLES CUSTER.....	Dr. Foat's	Berlin
PIEKARSKI, FRANCES	21 B.	Berlin
QUINN, LOTTIE ELOUISE.....	17 B.	Clintonville
RAWLINGS, MABEL EVA.....	21 B.	Chicago, Ill.
RICHARDSON, NEWTON PAGE.....	Mrs. Tracy's	Menasha
SANFORD, HARVEY	Mrs. Moses'	Lake Geneva
SHELDON, NINA MARY.....	22 B.	Waupun
SMITH, MOLLIE	Dr. Foat's	Baraboo
SUTHERLAND, AMY MARIA		Chicago, Ill.
TOOMBS, HELEN		Ripon
VOLK, FRED EUGENE	Mrs. Morgan's	Gillett
WILLIAMS, ROBERT	306 S. Llangernyw, Abergele,	N. Wales

ACADEMY

SENIOR CLASS.

BROOKS, FLORA ELLA.....	3 B.	Dartford
BROOKS, HALBERT	206 S.	Dartford
CROWELL, GEORGE C.....	105 B.	Almond
HAIGH, FRANK LOYAL.....	206 S	Dartford
HARGRAVE, CHRISTINA RUSSELL.....		Ripon
KING, EARL		Ripon
MERRELL, EDNA HUNTINGTON.....		Ripon
MITCHELL, HATTIE ETHEL.....		Ripon
MOSHER, ORVILLE WATSON.....	202 S.	New Richmond
OELKE, ELLA ALVINA.....	3 B.	Dartford
PATTERSON, WILL DOW.....	206 S	Dartford
PINCH, MARION ELIZABETH.....	Mr. Thompson's	West Rosendale
RIPLEY, WILLIAM CHESTER.....	Mrs. Moses'	Oakfield
THOMAS, HARRY ROGERS	Professor Marston's	Wild Rose
THOMPSON, RUTH		Ripon

MIDDLE CLASS.

ATWOOD, EDWARD WILLIAMS.....	202 S.	Berlin
CLASON, BERTA EVELEEN	18 B.	Neosho
COOK, FLOYD	Howard's Law Office.....	Fifield
FROST, MABEL HATTIE	15 B.	Almond
HODGE, WILLARD WELLINGTON.....		Ripon
HOYER, OSWALD HERBERT	Professor Marston's	Princeton
KAISER, WILLIAM LOUIS.....	Dr. Foat's	Sheboygan
LOCKHART, FRANCES GRACE.....	14 B.	Elo
MAXON, BETSEY	20 B.	West Bend

NASH, NELLIE JANE	Ripon
OBENAUER, BELLE	7 B. Milwaukee
SCHALLERN, REINER BRUNO.....	Ripon
WHITTEMORE, GENEVIEVE	6 B. Brandon
WOOD, GRACE LORA	Mr. Duffie's Oshkosh

JUNIOR CLASS.

ATWOOD, CARROLL	Milwaukee
CEASE, BESSIE LUVERGNE.....	6 B. Fairwater
CLASON, GERTRUDE ETHEL.....	18 B. Neosho
COTTON, WILLIAM JACOBS.....	Ripon
DURHAM, MINNIE LORRAINE.....	Ripon
GIESSEL, ALFRED FREDRICH.....	Mr. Bartlett's Leopolis
KEMP, ETHEL	15 B. Milwaukee
LINDSAY, DAVID	Ripon
OVEREND, WILLIAM SHACKELTON....	100 S. Brantford, Ont.
PARIS, KATHARINE WRIGHT.....	22 B. Prairie du Chien
SAUERHERING, ADOLPH LEWIS.....	207 S. Wausau
WOOD, LILA ERVILLA.....	Ripon

CONSERVATORY OF MUSIC

BLOOM, ANNA E.....	Neenah
BLOOM, CLARA A.....	Neenah
CAMP, M. ESTELLE.....	Ripon
CLARK, ADDIE	Auroraville
COLE, EDNA L.....	Tracy, Minn.
DAHL, BERTHA	Mt. Morris
DAVIS, GWEN T.....	Granton
DAWES, LILLIAN	Chicago, Ill.
DURHAM, MINNIE L.....	Ripon
FAUSTMAN, NINA	Ripon
FENELON, DAISY E.....	Ripon
FIELD, LENA	Ripon
FOOTE, LOIS E.	Ripon
FROST, MABEL H.....	Almond
GIESSEL, ALFRED F.....	Leopolis
HAIGH, FRANK L.....	Dartford
HASELTINE, ADELAIDE	Ripon
HILL, ANNIE H.....	Galesville
HOCKENHULL, FRANCES	Ripon
HUGHES, G. BLANCHE.....	Ripon
HUGHES, HELEN	Ripon
HUGHES, STEWART	Ripon

JUSSEN, ISABELLA	Ripon
JUSSEN, JOSEPHINE	Ripon
KAISER, WILLIAM L.	Sheboygan
KIDDER, H. LOUISE	Ripon
KIDDER, SAMUEL T.	Ripon
KING, EARL	Ripon
KNOP, ARNOLD	Ripon
KNOP, DENA L.	Ripon
LOBB, ALBERT J.	Ripon
LUECK, MARY	Ripon
MEIER, LAURA A.	Franklin
MERRELL, LILIAN C.	Ripon
MOSHER, ORVILLE W.	New Richmond
NASH, BESSIE	Ripon
NASH, ESTHER	Ripon
NORRIS, BESSIE	Brandon
PICKERT, CHARLES C.	Berlin
PINCH, MARION E.	West Rosendale
QUINN, LOTTIE E.	Clintonville
RAWLINGS, MABEL E.	Chicago, Ill.
RICHARDSON, ELIZABETH	Menasha
RICHARDSON, NEWTON P.	Menasha
SAMUELSON, GERTRUDE	Ripon
SHEARIN, RUTH M.	Ripon
VOLK, FRED E.	Gillett
WILKES, FLORENCE	Metomen
WILLIAMS, ROBERT	Llangernyw, Abergele, N. Wales
WOOD, GLADYS	Brandon
WOOD, GRACE L.	Ripon
YOUNGMAN, LUCILLE	Berlin
ZOBEL, ALMA	Ripon
ZOBEL, EDGAR	Ripon
ZOBEL, OLGA	Ripon
Total taking music.	55
Total taking music only.	22

ART

ALLEN, ERNA E.	Ripon
BARLOW, HAZEL	Ripon
CAPMAN, EVA E.	Ripon
CATLIN, FLORENCE	Ripon
CHITTENDEN, FLORENCE R.	Ripon
COWAN, WILLIAM	Ripon

DAVISON, PEARL	Ripon
FENELON, DAISY E.....	Ripon
HARGRAVE, JOSEPHINE R.....	Ripon
HOLTHOFF, RAY	Ripon
HUGHES, G. BLANCHE.....	Wild Rose
JUSSEN, JOSEPHINE	Ripon
KELLOGG, RUTH	Ripon
KIDDER, CHARLES J.....	Ripon
MAXON, BETSEY	West Bend
MIDDLETON, ARCHIE	Ripon
PARIS, KATHARINE W.....	Prairie du Chien
RUNALS, DORA E.....	Ripon
SPLICER, VENILA C.....	Los Angeles, Cal.
STONE, LITTA	Ripon
THOMAS, MARGARET	Ripon
THOMPSON, RUTH	Ripon
Total taking Art.....	22
Total taking Art only.....	13

EXPRESSION

ALLEN, ERNA E.....	Ripon
BLOOM, ANNA E.....	Neenah
BLOOM, CLARA A.....	Neenah
BROOKS, FLORA E.....	Dartford
BUMBY, MARY T.....	Ripon
CLASON, BERTA E.....	Neosho
FROST, MABEL H.....	Almond
HARGRAVE, JOSEPHINE R.....	Ripon
HARGRAVE, MARY B.....	Ripon
HILL, MAY B.....	Rosendale
KELLOGG, AIMEE L.....	Ripon
KIDDER, H. LOUISE.....	Ripon
LA TOURETTE, ALEXANDRINE	Fenton, Mich.
LOBB, ALBERT J.....	Ripon
OELKE, ELLA A.....	Dartford
OWENS, JENNIE M.....	Tracy, Minn.
PIEKARSKI, FRANCES	Berlin
PINCH, MARION E.....	West Rosendale
POWELL, JOHN A.....	Rosendale
RICHARDSON, ELIZABETH	Menasha
RUNALS, DORA E.....	Ripon
SCHOLES, BONNIE E.....	Dartford

SMITH, MOLLY	Baraboo
SUTHERLAND, AMY MARIA	Chicago, Ill.
THOMPSON, RUTH	Ripon
VANDERVELDE, BERT	Brandon
WALKER, ALICE	Ripon
WILSON, JESSIE	Ripon
WOOD, LILA E.....	Ripon
Total taking Expression..... 29	
Total taking Expression only..... 2	

SUMMARY

	Men.	Women.	Total.
Graduates	1	2	3
College:			
Seniors	6	8	14
Juniors	11	4	15
Sophomores	9	9	18
Freshmen	13	22	35
			<hr/> 85
Academy:			
Seniors	8	7	15
Middle Class	6	8	14
Juniors	6	6	12
			<hr/> 41
Conservatory of Music.....	14	41	55
Art	3	19	22
Expression	3	26	29
	<hr/> 80	<hr/> 152	<hr/> 232
Reckoned more than once.....			69
Corrected total			<hr/> 163

ACCREDITED SCHOOLS

Antigo	Horicon	Plymouth
Appleton, Third	Houghton, Mich.	Portage
Appleton, Ryan	Ironwood, Mich.	Racine
Arcadia	Janesville	Randolph
Ashland	Jefferson	Rhineland
Ashland Academy	Kaukauna	Ripon
Bayfield	Kenosha	Seymour
Beaver Dam	La Crosse	Sharon
Berlin	Lake Geneva	Shawano
Bessemer, Mich.	Manistique, Mich.	Sheboygan
Black River Falls	Marinette	Sparta
Burlington	Marquette, Mich.	Stevens Point
Calumet, Mich.	Marshfield	Stoughton
Carroll College	Mauston	Tomah
Clinton	Menasha	Viroqua
Clintonville	Milton Junction	Walworth
Columbus	Milwaukee, North	Watertown
Delavan	Milwaukee, South	Waukesha
De Pere	Milwaukee, West	Waupaca
East Troy	Necedah	Waupun
Elkhorn	Neenah	Wausau
Escanaba, Mich.	Negaunee, Mich.	Wauwatosa
Florence	Neillsville	West Bend
Fond du Lac	New Lisbon	West De Pere
Gladstone, Mich.	New London	West Salem
Grand Rapids	Norway, Mich.	West Superior
Green Bay, East	Oconomowoc	
Green Bay, West	Omro	
Hancock, Mich.	Oshkosh	

Schools in the following list are partially accredited:

Barron	Marshall	Port Washington
Birnamwood	Merrillan	Rosendale
Galesville	Mukwonago	South Milwaukee
Hartford	Oakfield	Trempealeau
Kilbourn City	Pewaukee	

ALUMNI ASSOCIATIONS

SOCIETY OF ALUMNI

FOUNDED IN 1873

President,

FRED W. ROGERS..... Pabst Building, Milwaukee

Vice-President,

MRS. JEAN SHERWOOD RANKIN....915 5th St., S. E. Minneapolis, Minn.

Treasurer,

MRS. JESSIE SPOONER.....Ripon.

Secretary,

MISS LOVILA M. MOSHER..... Waupun.

CHICAGO ASSOCIATION

OF ALUMNI AND OLD STUDENTS

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KANSAS CITY ASSOCIATION

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LIVING ALUMNI

1867

Luthera H. Adams, Omro.

Mary Spencer Thayer (Mrs. C. C. Thayer), Clifton Springs, N. Y.

1868

Emily S. Cook, clerk Indian Bureau, 1328 Twelfth St., N.W., Washington, D.C.

George C. Duffie, capitalist, Ripon.

Lyman B. Everdell, lawyer, Breckenridge, Minn.

1869

Caroline Chittenden Turner (Mrs. J. M. Turner), High school teacher,
29 Brevoort Place, Brooklyn, N. Y.

Isabella S. Cragin, A. M., 112 Union Ave., S. Framingham, Mass.

George M. Steele, A. M., M. D., physician, 100 Algoma St., Oshkosh.

1870

Daniel D. Bathrick, land department C. & N. W. R'y, Chicago, Ill.

Josiah B. Blakely, farmer, Neenah.

Eunice Durand Lyman (Mrs. E. C. Lyman), Huron, S. D.

William S. Holt, A. M., D. D., Sup't Mission Schools, Portland, Ore.

Ella Mapes Arnold (Mrs. R. W. Arnold), teacher of music and painting,
Leanna, Kan.

Rosa Olds Bristoll (Mrs. W. M. Bristoll), A. M., 2828 Chicago Ave.,
Minneapolis, Minn.

Anna Smith Finsterbach (Mrs. F. Finsterbach), 984 Madison, St., Chicago, Ill.

1871

James A. Blanchard, LL. D., justice Supreme Court, Court House, Chamber
St., New York City.

Joseph G. Davies, A. M., lawyer, South Milwaukee.

Moritz E. Eversz, D. D., Sup't Congregational Home Missionary Society,
German Dep't, Association Bldg., Chicago, Ill.

Sara Powers Bradish (Mrs. J. H. Bradish), 1522 Ogden Ave., West Superior.

Albert F. Rust, engineer of maintenance of way, Pittsburg & Gulf R. R.,
504 Temple Block, Kansas City, Mo.

Charles H. Yeomans, A. M., abstracter of titles, Danville, Ill.

1872

John W. Allen, manufacturer, Stony Lake, Ontario, Canada.

James M. Brush, carpenter, Merrill.

Martha A. Shepard, 727 Eighth St., Baraboo.

Harmon M. Wilcox, lawyer, Holland Building, St. Louis, Mo.

1873

Henry S. Akin, merchant, Willow River, Minn.

Rowland S. Cross, minister, Dawson, Minn.

Ida Elwell Tilson (Mrs. E. S. Tilson), A. M., lecturer and writer, West Salem.

William Foulkes, D. D., minister, 1615 N. Seventh St., Kansas City, Kas.

Oscar E. Hanson, pharmacist, St. Francis, Kas.

Marietta Hunter Abbott (Mrs. R. B. Abbott), A. M., Jackson, Minn.

Charles M. Pond, A. M., judge district court, 308 Ridgewood Ave., Minneapolis, Minn.

Fred W. Rogers, real estate, 612 Pabst Building, Milwaukee.

J. F. Taintor, minister, Elkhorn.

1874

Emma H. Blair, A. M., author, Wisconsin State Historical Society, Madison.

Isabella Campbell Blakely (Mrs. J. B. Blakely), Neenah.

Ezra P. Chittenden, B. D., Ph. D., principal Kearney Military Academy, Kearney, Neb.

Edward Evans, A. M., principal St. George's Grammar School, Wimbledon, England.

Almira I. Hobart, teacher in State School for the Deaf, Delavan.

Benjamin F. Thomas, A. M., Ph. D., Professor of Physics, Ohio State University, Columbus, O.

1875

Carroll Atwood, LL. B., vice-president Wisconsin Fidelity Trust and Safe Deposit Co., Wells Building, Milwaukee.

Rosina Batson Price (Mrs. W. I. Price), Beaver Dam.

John W. Hargrave, minister, Pinellas, Fla.

Mary E. Harris, teacher, Howard Lake, Minn.

Silas H. Hillman, farmer, Kasson, Minn.

Kossuth K. Kennan, lawyer, 1002-6 Wells Building, Milwaukee.

Mary McAssey Pinch (Mrs. Pearse Pinch), 4600 Champlain Ave., Chicago, Ill.

Albert J. Miller, real estate, Logan, Ia.

John W. Pinch, lawyer, 48 Gilfillan Block, St. Paul, Minn.

Pearse Pinch, minister, 4600 Champlain Ave., Chicago, Ill.

Adelaide Sargent Gibbs (Mrs. J. L. Gibbs), Mayfield, Mich.

Jean Sherwood Rankin (Mrs. A. W. Rankin), author, 916 Fifth St., S. E., Minneapolis, Minn.

Lyman H. Warner, editor, Milford, Neb.

1876

John G. Ingalls, A. M., special agent, Hartford Steam Boiler Inspection and Insurance Co., 800 Royal Insurance Building, Chicago, Ill.
Louis K. Strong, real estate and insurance, Moscow, I.

1877

Joseph H. Bottom, lawyer, Faulkton, S. D.
Ada Clark Merrell (Mrs. E. H. Merrell), A. M., Ripon.
David E. Evans, Sup't Good Will Indian School, Good Will, S. D.
Charles W. Headley, business, Winnebago City, Minn.
Susan A. Jeffris, 58 S. Jackson St., Janesville.
William M. Lewis, Security Bank, Minneapolis, Minn.
Perry Niskern, lawyer, Berlin.
Alonzo R. Northup, lawyer, Everett, Wash.

1878

Irenaeus J. Atwood, B. D., M. D., missionary, Shansi, China.
Frederick A. Dawes, president American Press Clipping Bureau, 134 Van Buren St., Chicago, Ill.
Sara Sherman Headley (Mrs. C. W. Headley), Winnebago City, Minn.
Ella M. Slater, teacher physical culture, Jamaica Plain, Mass.
Frank N. White, D. D., minister, 1202 Jones St., Sioux City, Ia.
Emma Williams Sheehan (Mrs. J. T. Sheehan), Waupun.

1879

Thomas Armstrong, lawyer, 20-21 Fleming Block, Phoenix, Ariz.
Wells W. Cook, A. M., professor of agriculture, 1328 Twelfth St., N. W., Washington, D. C.,
Mary Hodge LeRoy (Mrs. Wm. LeRoy), Hartland.
Willard A. Hodge, A. M., business, Waunauke.
Orville W. Mosher, president New Richmond Roller Mill Co., State Senator, New Richmond.
Robert T. Roberts, A. M., D. D., minister, Wilkesbarre, Pa.

1880

George W. Hatch, editor *Insurance Age*, 176 Broadway, New York City.
Robert M. Phelps, A. M., M. D., physician, Rochester, Minn.
Edward J. Roberts, president Quilp Gold Mining Co., and Union Iron Works, Rookery Building, Spokane, Wash.

1881

Lovila M. Mosher, A. M., High school teacher, Waupun.
Hiram H. Shaw, representative Boston Coffee House, Eighteenth and Wynkoop Sts., Denver, Colo.
Albert J. Whiting, principal High school, 411 Washington St., Watertown.

1882

- Evelina Ackerman Armstrong (Mrs. Thos. Armstrong), 20-21 Fleming Block, Phoenix, Ariz.
- Constance Adams Meyer (Mrs. W. F. Meyer), Red Lodge, Mont
- Clement C. Campbell, B. D., minister, Madison.
- Caroline W. Daniels, A. M., Dean of Women and instructor in English Literature, Drury College, Springfield, Mo.
- Clifton F. Hodge, Ph. D., assistant professor physiology and neurology, Clark University, Worcester, Mass.
- Lucius D. Hopkins, A. M., rector, 1702 N. Twenty-sixth St., Omaha, Neb.
- John R. Jones, business, Hankinson, N. D.
- Thomas R. Jones, A. M., M. D., assistant physician Northern Hospital for the Insane, Winnebago.
- Chester T. Kennan, lawyer, 997 Cambridge Ave., Milwaukee.
- William F. Meyer, banker, state senator, Red Lodge, Mont.
- Mary Montague Powers (Mrs. H. H. Powers), 11 Willard St., Newton, Mass.
- Frank K. Sanders, Ph. D., D. D., professor of Biblical history and archæology and dean of the Divinity School, Yale University, Drawer 4, Yale Station, New Haven, Conn.
- Edward H. Wilson, examiner of titles N. W. Mutual Life Insurance Co., 143 New Insurance Building, Milwaukee.

1883

- Emma O. Cleaver, A. M., M. D., medical missionary, Margaret Williamson Hospital, West Gate, Shanghai, China.
- Henry S. Cooke, manufacturer, Kaukauna.
- Colin C. Joslyn, lawyer, New York Life Building, Minneapolis, Minn.
- Samuel M. McNeill, B. D., minister, Mondovi.
- Daniel D. Sutherland, lawyer, Fond du Lac.

1884

- Margaret Booker Dawes (Mrs. W. R. Dawes), 638 Evanston Ave., Chicago, Ill.
- William R. Dawes, cashier Central Trust Co. of Illinois, Chicago, Ill.

1885

- Mark T. Halphide, LL. B., lawyer, 105 Grand Ave., Milwaukee.
- John C. Johnston, farmer, Waupun.

1886

- Orrin W. Bow, lawyer, Milwaukee.
- Frederick M. Brigham, secretary Woolson Spice Co., Toledo, O.
- Fremont R. Crabtree, architect, Wauwatosa.

Edward T. Merrell, managing editor *The Advance*, 215 Madison St.,
Chicago, Ill.
Maud Merrell Brown (Mrs. B. H. Brown), 21 College Ave.,
Walla Walla, Wash.
Grace Morgan Davies (Mrs. Luther Davies), Oshkosh.
Grace Mouat, High school teacher, Janesville.
Charles H. Scribner, M. D., physician, 79 Ward St., Paterson, N. J.
Lee Swift, superintendent of schools, Tracy, Minn.
George C. Weiss, editor, Waukesha.

1887

Emma L. Nohl, High school teacher, Wausau.

1888

J. W. Cabeen, B. D., minister, Merrill.
Luther Davies, merchant, 163 Main St., Oshkosh.
Willis P. Elwood, missionary, Palani, Madura District, India.
Anna Hamilton Cabeen (Mrs. J. W. Cabeen), Merrill.
Flora Hockenhull Leahy (Mrs. Philip Leahy), La Crosse.
Thomas J. Jones, Ph. D., missionary, Silchar, Assam, India.

1889

Bertha Bacon Green (Mrs. C. T. Green), Marinette.
Jennie Y. Middleton, librarian Apprentice Library, Philadelphia, Pa.
Isabella Phelps Gooding (Mrs. F. E. Gooding), Rochester, Minn.

1890

Eleanora S. Everhard, M. D., physician, 75 Central St., Auburndale, Mass.
May C. Wheeler, student in Columbia University, Whittier Hall, 1230 Amsterdam Ave., New York City.

1891

Mary Dunbar Nordvi (Mrs. G. H. Nordvi), Waupaca.
Nellie Eggleston Haskell (Mrs. W. E. Haskell), 49 Mt. Vernon St.,
Boston, Mass.
Wilton B. Judd, LL. B., lawyer, 1521 Marquette Building, Chicago, Ill.
Arthur E. Leonard, A. M., minister, Royalton.
Ella E. Meyer, Ripon.
William B. Millard, A. M., minister, Geneseo, Ill.
Samuel M. Pedrick, A. M., lawyer, Ripon.

1892

Charles H. Dunbar, farmer, Ripon.

Arthur J. Mercer, manufacturer, 111 Twelfth St., San Francisco, Cal.

Mamie Newton Swearingen (Mrs. Joseph Swearingen), Blountsville, Ind.

Johan O. Ostrom, A. M., minister, 1717 Franklin Ave., Astoria, Ore.

Ellen A. Stickle, 6519 Yale Ave., Chicago, Ill.

Emilie M. Stickle, 6519 Yale Ave., Chicago, Ill.

1893

Horace O. Bethel, A. M., minister, Grand Junction, Ia.

Margaret L. Hamilton, teacher Shaw University, Raleigh, N. C.

Ernest H. Mercer, M. D., professor of anatomy, California Medical College,
Spreckels Building, 927 Market St., San Francisco, Cal.

Elmer A. Morse, lawyer, Antigo.

1894

Benjamin H. Brown, A. M., professor of natural science, Whitman College,
21 College Ave., Walla Walla, Wash.

Elwyn F. Chandler, A. M., assistant professor of mathematics, University of
North Dakota, University, N. D.

Julia Dickinson Pearsall (Mrs. I. A. Pearsall), Elroy.

Mary J. McQueen, music teacher, Rhinelander.

Mary Morse Short, (Mrs. W. M. Short), 2454 Tracy Ave., Kansas City, Mo.

Roy L. Morse, lawyer, Fond du Lac.

Eliza Scribner McShepherd (Mrs. J. W. McShepherd), 239 Seventeenth Ave.,
Paterson, N. J.

Fred L. Selden, minister, 532 Sunnyside Ave., Ravenswood, Ill.

Margaret B. Sutherland, missionary, Bhamo, Burmah.

1895

David R. Davies, minister, Johnson Creek, N. Y.

Frederick W. Heberlein, minister, Hamilton, Mo.

Leila D. Jackson, Oconomowoc.

Daniel R. Jones, lawyer, Wahpeton, N. D.

Mary McDermid, missionary, Apartado 247, Mexico City, Mex.

Blanche E. Pinch, teacher, Chadron, Neb.

John S. Rountree, LL. B., lawyer, N. W. Harris Co., Marquette Bldg.,
Chicago, Ill.

1896

- Carrie Denison Palmer (Mrs. V. E. Palmer), 515 Thirteenth St., N.,
Seattle, Wash.
Edith Evans Ecke (Mrs. O. H. Ecke), Fond du Lac.
Hugh C. Griffith, minister, Fisk, R. F. D.
Edwin C. Hall, civil engineer, 545 Jackson St., Milwaukee.
Jennie McDermid Burman (Mrs. F. Burman), 1312 Ave. I, Galveston, Tex.
Isabella M. McQueen, stenographer and bookkeeper, Rhinelander.
Arthur W. Newcomb, assistant manager Zion Printing Works, 1300 Michigan
Ave., Chicago, Ill.
Jessie E. Spooner, A. M., High school teacher, Ripon.

1897

- Alzina Kelly Bethel (Mrs. H. O. Bethel), Grand Junction, Ia.
Grace Lewis Oliver (Mrs. E. R. Oliver), Reeseville.
Frank H. McAssey, business, 410 Masonic Temple, Rockford, Ill.
Robert Morris, superintendent of instruction Wood County, Arpin.
Elmer R. Oliver, principal of schools, Reeseville.
Garrett W. O'Neill, business, Everett, Wash.
Victor E. Palmer, lawyer, 515 Thirteenth Ave., N., Seattle, Wash.
Henry M. Pinkerton, minister, Perry's Inn, Cheyenne, Wyo.
Frank B. Sheerar, Omro.
Ida Wolff, teacher, Ripon.

1898

- Helen B. Bottum, West Rosendale.
Blanche M. Buck student University of Chicago, 6019 Madison Ave.,
Chicago, Ill.
Carrie L. Dysart, 79 Kavanaugh Place, Wauwatosa.
Silas Evans, A. M., B. D., professor of philosophy in Park College and
Pastor, Parkville, Mo.
Alice Flagg Hitchcock (Mrs. W. C. Hitchcock), Ashland.
Albert H. Griffith, farmer, Fisk, R. F. D.
Hugh W. Griffith, B. D., minister, 53 Gaylord Ave., Plymouth, Pa.
William E. Hargrave, farmer, Ripon.
Ernest E. Hemingway, A. M., instructor, University of Minnesota, 628 Fif-
teenth Ave., S. E., Minneapolis, Minn.
Wallace C. Hitchcock, teacher North Wisconsin Academy, Ashland.
Jessie D. Jackson, bookkeeper, Amasa, Mich.
Mary E. Jones (Mrs. Jones), Columbus.
Robert H. Jones, minister, Emerson, Ia.
Philip Leahy, business, La Crosse.
Lottie Munsell, teacher, Wells River, Vt.

Edwin A. Ripley, National Bank of Commerce, 15 Seventh St., S. E., Minneapolis, Minn.

Paul J. Thompson, A. M., LL. B., lawyer, 610 Boston Block, Minneapolis, Minn.

Archibald H. Young, A. M., student Theological Seminary, Bangor, Me.

1899

Ralph H. Buckland, M. D., physician, Princeton.

Max A. Bussewitz, professor mathematics State Normal School, Milwaukee.

Isabella W. Collins, High school teacher, De Pere.

Lulu M. Dysart, student University of Chicago, 6047 Ellis Ave., Chicago, Ill.

John S. Foat, M. D., physician, Ripon.

Alexander W. Hargrave, teacher, Dassel, Minn.

Pearl Hendrickson Hall (Mrs. E. C. Hall), 545 Jackson St., Milwaukee.

Ebenezer D. Jones, B. D., minister, Jackson, O.

Mentor V. K. Jopp, lawyer, Princeton.

Julia E. Lehmann, 11 Rue Scribe, Paris, France.

Samuel S. Morse, M. D., physician, Eldorado.

1900

Donald E. Frank, teacher Racine College, Racine.

Sarah Mitchell Morse (Mrs. S. S. Morse), Eldorado.

William John Stewart, A. M., B. D., minister, Buda, Ill.

William D. Williams, student Princeton Theological Seminary, Leigh Ave., Princeton, N. J.

1901

Arlouine Ayer, High school teacher, Tomah.

James E. Batty, agent for educational specialties, 117 Jones St., W., Savannah, Ga.

George W. Beattie, teacher Western Military Institute, Upper Alton, Ill.

Harold G. Churchill, teacher Endeavor Academy, Endeavor.

Frederick C. Boller, student in McCormick Theological Seminary, 1060 N. Halstead St., Chicago, Ill.

Lotta Elizabeth Clark, A. M., teacher, Mexico, Mo.

Grace M. Collins, teacher, Ripon.

James A. Davidson, minister, Stoughton.

Harriet Davies, student in College of Physicians and Surgeons, Chicago, Ill.

William R. Davis, student in University of Chicago, 6047 Ellis Ave., Chicago, Ill.

Hugh J. Edwards, student in Rush Medical College, 5636 Drexel Ave., Chicago, Ill.

Jennie Hall, High school teacher, Ripon.

Mary P. Hall, physician's assistant, Ripon.

- Robert S. Hall, draftsman, 310 Twenty-sixth St., Milwaukee.
David H. Holbrook, High school teacher, Fond du Lac.
Edith B. Merrell, teacher in Whitman College, Reynolds Hall, Walla Walla, Wash.
Mildred C. Mitchell, Ripon.
Carrie Z. Morse, High school teacher, Shawano.
Margaret A. Older, High school teacher, Clintonville.
David K. Roberts, student in McCormick Theological Seminary, 1060 N. Halstead St., Chicago, Ill.
Ira A. Russell, farmer, Metomen.
John R. Thomas, student in Princeton Theological Seminary, Room A, Alexander Hall, Princeton, N. J.

1902

- Foster J. Batty, Glen.
Joanna B. Beebe, teacher in North Wisconsin Academy, Ashland.
Arthur G. Hayden, mechanical engineer, 311 Henry St., Sewickley, Pa.
John D. Jones, minister, Ixonia.
Harriet E. Lehmann, student in Northwestern University, 1906 Sherman Ave., Evanston, Ill.
Wanda L. Nohl, High school teacher, Burlington.
Luther L. Wright, Superintendent of Schools and Treasurer State Board of Education, Ironwood, Mich.

1903

- Margaret A. Abel, High school teacher, Omro.
Warren H. Barber, business, Oconomowoc.
Arthur J. Batty, student in Rush Medical College, Chicago, Ill.
Jo Lana B. Cate, High school teacher, East Troy.
Dirk Bruins, student in Northwestern University Medical School, Chicago, Ill.
Russell T. Congdon, student in Harvard Medical College, Boston, Mass.
Allen H. Duffie, business, 515 Mead St., Appleton.
Robert W. Griffith, student in McCormick Theological Seminary, Chicago, Ill.
V. Sherwood Kutchin, student in University of Chicago Law School, Chicago, Ill.
Albert G. Meier, graduate student and instructor in music, Ripon College.
Laura A. Meier, graduate student and instructor in Latin, Ripon College.
C. Madge Morse, High school teacher, New Lisbon.

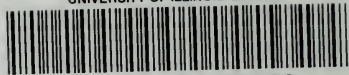
An attempt is being made to prepare a complete and correct list, in addition to the above alumni list, of all former students who did not graduate. Very many of these received their inspiration and direction for life from the College and are deeply interested in its present and future work. Help in correcting and completing either of these lists will be thankfully received. Address, President's Office, Ripon College.

Wm





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